

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Sample ID | Location ID | Depth (Feet) | Date Collected | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Total PCBs |
|--------------------|-------------|--------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------|--------------|-------------|
| Averaging Area 4A | | | | | | | | | | | |
| 2S-BH000605-0-0000 | I11 | 0-1 | 4/25/2002 | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | 0.26 J | 3.3 | 3.56 |
| 2S-BH000739-0-0010 | K15 | 1-6 | 4/18/2002 | ND(550) | ND(550) | ND(550) | ND(550) | ND(550) | 2000 | ND(550) J | 2000 |
| 2S-BH000603-0-0000 | M5 | 0-1 | 4/25/2002 | ND(0.075) J | ND(0.075) | ND(0.075) | ND(0.075) | ND(0.075) | 0.18 J | 4.7 | 4.88 |
| 2S-BH000603-0-0010 | M5 | 1-6 | 4/25/2002 | ND(0.035) | ND(0.035) | ND(0.035) | ND(0.035) | ND(0.035) | ND(0.035) | 0.049 J | 0.049 J |
| 2S-BH000604-0-0000 | O1 | 0-1 | 4/25/2002 | ND(0.36) | 0.23 J | 0.47 | 0.058 J | NA | 5.4 | 9.9 | 16.1 |
| Averaging Area 4B | | | | | | | | | | | |
| 2S-BH000775-0-0000 | 60-1 | 0-1 | 7/16/2002 | ND(3.4) | ND(3.4) | ND(3.4) | ND(3.4) | ND(3.4) | 16 | 18 | 34 |
| 2S-BH000775-0-0010 | 60-1 | 1-6 | 7/16/2002 | ND(3.4) | ND(3.4) | ND(3.4) | ND(3.4) | ND(3.4) | ND(3.4) | 22 | 22 |
| 2S-BH000775-0-0060 | 60-1 | 6-15 | 7/16/2002 | ND(4.1) | ND(4.1) | ND(4.1) | ND(4.1) | ND(4.1) | ND(4.1) | 21 | 21 |
| 2S-BH000778-0-0000 | 60-5 | 0-1 | 7/17/2002 | ND(53) | ND(53) | ND(53) | ND(53) | ND(53) | 570 | 290 | 860 |
| 2S-BH000778-0-0010 | 60-5 | 1-6 | 7/17/2002 | ND(1.8) | ND(1.8) | ND(1.8) | ND(1.8) | ND(1.8) | 12 | 5.7 | 17.7 |
| 2S-BH000778-0-0060 | 60-5 | 6-15 | 7/17/2002 | ND(0.97) | ND(0.97) | ND(0.97) | ND(0.97) | ND(0.97) | 4.7 | 2.1 | 6.8 |
| 2S-BH000615-0-0060 | A33 | 6-15 | 5/16/2002 | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | 0.29 | 0.29 |
| 2S-BH000619-0-0010 | A35 | 1-6 | 5/16/2002 | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | 0.77 | 0.77 |
| 2S-BH000611-0-0060 | A37 | 6-15 | 5/15/2002 | ND(0.037) J | ND(0.037) J | ND(0.037) J | ND(0.037) J | ND(0.037) J | 0.12 J | 0.19 J | 0.31 J |
| 2S-BH000664-0-0060 | B29 | 6-15 | 5/20/2002 | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | 0.051 | 0.051 |
| 2S-BH000616-0-0060 | B34 | 6-15 | 5/16/2002 | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | 0.76 | 0.76 |
| 2S-BH000612-0-0060 | B35 | 6-15 | 5/15/2002 | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | 0.14 J | 1.5 | 1.64 |
| 2S-BH000586-0-0000 | C27 | 0-1 | 4/22/2002 | ND(0.19) | ND(0.19) | ND(0.19) | ND(0.19) | ND(0.19) | 0.65 J | 9.3 | 9.95 |
| 2S-BH000665-0-0010 | C29 | 1-6 | 5/21/2002 | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | 0.12 | 0.12 |
| 2S-BH000665-0-0060 | C29 | 6-15 | 5/21/2002 | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | 0.037 J | 0.037 J |
| 2S-BH000663-0-0010 | C31 | 1-6 | 5/20/2002 | ND(0.38) [ND(0.37)] | ND(0.38) [ND(0.37)] | ND(0.38) [ND(0.37)] | ND(0.38) [ND(0.37)] | ND(0.38) [ND(0.37)] | 0.76 J [0.89] | 8.1 [9.5] | 8.86 [10.4] |
| 2S-BH000663-0-0060 | C31 | 6-15 | 5/20/2002 | ND(0.17) | ND(0.17) | ND(0.17) | ND(0.17) | ND(0.17) | 0.34 J | 6.2 | 6.54 |
| 2S-BH000661-0-0010 | C33 | 1-6 | 5/20/2002 | ND(0.37) | ND(0.37) | ND(0.37) | ND(0.37) | ND(0.37) | 1.3 | 7.2 | 8.5 |
| 2S-BH000661-0-0060 | C33 | 6-15 | 5/20/2002 | ND(0.35) J | ND(0.35) | ND(0.35) | ND(0.35) | ND(0.35) | 0.87 | 7.7 | 8.57 |
| 2S-BH000624-0-0010 | C34 | 1-6 | 5/17/2002 | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | 1.6 | 1.6 |
| 2S-BH000624-0-0060 | C34 | 6-15 | 5/17/2002 | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | 1.6 | 1.6 |
| 2S-BH000626-0-0010 | C35 | 1-6 | 5/17/2002 | ND(0.37) | ND(0.37) | ND(0.37) | ND(0.37) | ND(0.37) | 0.95 | 6.0 | 6.95 |
| 2S-BH000626-0-0060 | C35 | 6-15 | 5/17/2002 | ND(0.18) | ND(0.18) | ND(0.18) | ND(0.18) | ND(0.18) | 0.64 J | 5.0 | 5.64 |
| 2S-BH000613-0-0060 | C36 | 6-15 | 5/15/2002 | ND(0.34) | ND(0.34) | ND(0.34) | ND(0.34) | ND(0.34) | 1.0 J | 12 | 13 |
| 2S-BH000596-0-0000 | D25 | 0-1 | 4/24/2002 | ND(0.034) | ND(0.034) | ND(0.034) | ND(0.034) | ND(0.034) | 0.022 J | 0.090 | 0.112 |
| 2S-BH000667-0-0010 | D27 | 1-6 | 5/21/2002 | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | 0.76 | 0.76 |
| 2S-BH000668-0-0010 | D31 | 1-6 | 5/21/2002 | ND(0.39) | ND(0.39) | ND(0.39) | ND(0.39) | ND(0.39) | 0.36 J | 1.3 J | 1.66 J |
| 2S-BH000668-0-0060 | D31 | 6-15 | 5/21/2002 | ND(2.0) | ND(2.0) | ND(2.0) | ND(2.0) | ND(2.0) | 3.3 J | 73 | 76.3 |
| 2S-BH000669-0-0010 | D33 | 1-6 | 5/21/2002 | ND(0.18) | ND(0.18) | ND(0.18) | ND(0.18) | ND(0.18) | 0.71 J | 5.9 | 6.61 |
| 2S-BH000669-0-0060 | D33 | 6-15 | 5/21/2002 | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | ND(0.038) | 0.058 | 0.058 |
| 2S-BH000592-0-0000 | D34 | 0-1 | 4/23/2002 | ND(0.076) | ND(0.076) | ND(0.076) | ND(0.076) | ND(0.076) | ND(0.076) | 4.1 | 4.1 |
| 2S-BH000592-0-0060 | D34 | 6-15 | 4/23/2002 | ND(0.041) | ND(0.041) | ND(0.041) | ND(0.041) | ND(0.041) | ND(0.041) | 0.72 | 0.72 |
| 2S-BH000625-0-0060 | D35 | 6-15 | 5/17/2002 | ND(0.35) | ND(0.35) | ND(0.35) | ND(0.35) | ND(0.35) | 1.3 J | 23 | 24.3 |
| 2S-BH000610-0-0060 | D36 | 6-15 | 5/15/2002 | ND(3.8) | ND(3.8) | ND(3.8) | ND(3.8) | ND(3.8) | 15 J | 270 | 285 |
| 2S-BH000666-0-0010 | E29 | 1-6 | 5/21/2002 | ND(1.7) | ND(1.7) | ND(1.7) | ND(1.7) | ND(1.7) | 14 J | 71 | 85 |
| 2S-BH000666-0-0060 | E29 | 6-15 | 5/21/2002 | ND(2.4) | ND(2.4) | ND(2.4) | ND(2.4) | ND(2.4) | 15 | 130 | 145 |
| 2S-BH000627-0-0060 | E35 | 6-15 | 5/17/2002 | ND(0.41) | ND(0.41) | ND(0.41) | ND(0.41) | ND(0.41) | 0.78 J | 16 | 16.8 |
| 2S-BH000597-0-0010 | F23 | 1-6 | 4/24/2002 | ND(0.18) | ND(0.18) | ND(0.18) | ND(0.18) | ND(0.18) | ND(0.18) | 5.5 | 5.5 |
| 2S-BH000597-0-0060 | F23 | 6-15 | 4/24/2002 | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | 1.7 | 1.7 |
| 2S-BH000670-0-0060 | F27 | 6-15 | 5/22/2002 | ND(2.0) | ND(2.0) | ND(2.0) | ND(2.0) | ND(2.0) | 3.2 J | 73 | 76.2 |
| 2S-BH000673-0-0010 | F29 | 1-6 | 5/22/2002 | ND(4.0) | ND(4.0) | ND(4.0) | ND(4.0) | ND(4.0) | 40 J | 180 J | 220 J |
| 2S-BH000673-0-0060 | F29 | 6-15 | 5/22/2002 | ND(0.043) | ND(0.043) | ND(0.043) | ND(0.043) | ND(0.043) | 1.2 J | 1.5 | 2.7 |
| 2S-BH000672-0-0010 | F31 | 1-6 | 5/22/2002 | ND(1.9) | ND(1.9) | ND(1.9) | ND(1.9) | ND(1.9) | 120 | 120 | 240 |
| 2S-BH000672-0-0060 | F31 | 6-15 | 5/22/2002 | ND(0.37) | ND(0.37) | ND(0.37) | ND(0.37) | ND(0.37) | 11 | 29 | 40 |

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(Results are presented in dry weight parts per million, ppm)

| Sample ID | Location ID | Depth (Feet) | Date Collected | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Total PCBs |
|-------------------------------|-------------|--------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------|--------------|------------|
| Averaging Area 4B (continued) | | | | | | | | | | | |
| 2S-BH000671-0-0010 | G27 | 1-6 | 5/22/2002 | ND(2.0) | ND(2.0) | ND(2.0) | ND(2.0) | ND(2.0) | 5.8 J | 110 | 116 |
| 2S-BH000671-0-0060 | G27 | 6-15 | 5/22/2002 | ND(3.8) | ND(3.8) | ND(3.8) | ND(3.8) | ND(3.8) | 96 | 310 | 406 |
| 2S-BH000674-0-0010 | H29 | 1-6 | 5/22/2002 | ND(19) | ND(19) | ND(19) | ND(19) | ND(19) | 100 J | 480 | 580 |
| 2S-BH000674-0-0060 | H29 | 6-15 | 5/22/2002 | ND(2.4) | ND(2.4) | ND(2.4) | ND(2.4) | ND(2.4) | 13 J | 92 | 105 |
| 2S-BH000590-0-0000 | I21 | 0-1 | 4/22/2002 | ND(0.39) | ND(0.39) | ND(0.39) | ND(0.39) | ND(0.39) | 3.7 J | 23 | 26.7 |
| 2S-BH000601-0-0000 | I23 | 0-1 | 4/25/2002 | ND(3.8) | ND(3.8) | ND(3.8) | ND(3.8) | ND(3.8) | 62 J | 140 | 202 |
| 2S-BH000601-0-0060 | I23 | 6-15 | 4/25/2002 | ND(0.42) [ND(0.41)] | ND(0.42) [ND(0.41)] | ND(0.42) [ND(0.41)] | ND(0.42) [ND(0.41)] | ND(0.42) [ND(0.41)] | 2.0 J [2.7 J] | 15 [24] | 17 [26.7] |
| 2S-BH000602-0-0000 | K23 | 0-1 | 4/25/2002 | ND(3.6) | ND(3.6) | ND(3.6) | ND(3.6) | ND(3.6) | 100 J | 210 | 310 |
| 2S-BH000309-0-0060 | RAA4-4 | 6-15 | 1/24/2001 | ND(0.096) | ND(0.096) | ND(0.096) | ND(0.096) | ND(0.096) | ND(0.096) | 0.26 | 0.26 |
| 2S-BH000310-0-0060 | RAA4-4 | 6-15 | 1/24/2001 | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) |
| 2S-BH000311-0-0060 | RAA4-16 | 6-15 | 1/24/2001 | ND(2.1) | ND(2.1) | ND(2.1) | ND(2.1) | ND(2.1) | ND(2.1) | 11 | 11 |
| 2S-BH000316-0-0060 | RAA4-17 | 6-15 | 1/29/2001 | ND(0.099) | ND(0.099) | ND(0.099) | ND(0.099) | ND(0.099) | ND(0.099) | 0.60 | 0.60 |
| 2S-BH000350-0-0060 | X-16 | 6-15 | 1/31/2001 | ND(0.018) | ND(0.018) | ND(0.018) | ND(0.018) | ND(0.018) | ND(0.018) | 0.14 J | 0.14 J |
| Averaging Area 4C | | | | | | | | | | | |
| 2S-BH000292-0-0050 | CRA-3 | 5-14 | 1/17/2001 | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) J | ND(0.019) |
| 2S-BH000301-0-0050 | CRA-8 | 5-14 | 1/22/2001 | ND(0.092) | ND(0.092) | ND(0.092) | ND(0.092) | ND(0.092) | ND(0.092) | 0.14 | 0.14 |
| 2S-BH000306-0-0020 | CRA-13 | 2-5 | 1/23/2001 | ND(0.048) | ND(0.048) | ND(0.048) | ND(0.048) | ND(0.048) | ND(0.048) | ND(0.048) | ND(0.048) |
| Averaging Area 4D | | | | | | | | | | | |
| 2S-BH000608-0-0060 | E38 | 6-15 | 5/14/2002 | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | 0.62 | 0.62 |
| 2S-BH000607-0-0010 | E39 | 1-6 | 5/14/2002 | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | 0.054 J | 0.95 | 1.0 |
| 2S-BH000609-0-0000 | F36 | 0-1 | 5/14/2002 | ND(0.040) | ND(0.040) | ND(0.040) | ND(0.040) | ND(0.040) | ND(0.040) | 3.1 | 3.1 |
| 2S-BH000609-0-0010 | F36 | 1-6 | 5/14/2002 | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) | ND(0.037) |
| 2S-BH000609-0-0060 | F36 | 6-15 | 5/14/2002 | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) | ND(0.039) |
| 2S-BH000598-0-0000 | F41 | 0-1 | 4/24/2002 | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | 0.15 | 0.15 |
| 2S-BH000595-0-0000 | H35 | 0-1 | 4/23/2002 | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | ND(0.036) | 0.35 | 0.35 |
| 080598SB07 | SL0003 | 0-0.5 | 8/5/1998 | NA | NA | NA | NA | ND(0.37) | 0.85 | 2.7 | 3.55 |
| 080598SB08 | SL0003 | 1-1.5 | 8/5/1998 | NA | NA | NA | NA | ND(0.088) | 0.25 | 0.71 | 0.96 |
| 080598SB09 | SL0003 | 2-2.5 | 8/5/1998 | NA | NA | NA | NA | ND(0.072) | 0.15 | 0.39 | 0.54 |
| 080598SB13 | SL0005 | 0-0.5 | 8/5/1998 | NA | NA | NA | NA | ND(9.8) | 12 | 62 | 74 |
| 080598SB14 | SL0005 | 1-1.5 | 8/5/1998 | ND(0.98) | ND(0.98) | ND(0.98) | ND(0.98) | ND(0.98) | 1.4 | 10 | 11.4 |
| 080598SB15 | SL0005 | 2-2.5 | 8/5/1998 | NA | NA | NA | NA | ND(0.37) | 2.4 J | 3.0 | 5.4 |
| 080598SB16 | SL0006 | 0-0.5 | 8/5/1998 | NA | NA | NA | NA | ND(0.58) | 1.6 | 7.8 | 9.4 |
| 080598SB17 | SL0006 | 1-1.5 | 8/5/1998 | NA | NA | NA | NA | ND(0.092) | 0.16 | 0.78 | 0.94 |
| 080598SB18 | SL0006 | 2-2.5 | 8/5/1998 | NA | NA | NA | NA | ND(0.093) | 0.17 J | 0.79 | 0.96 |
| 080598SB25 | SL0009 | 0-0.5 | 8/5/1998 | NA | NA | NA | NA | ND(0.37) | 0.64 | 3.7 | 4.34 |
| 080598SB26 | SL0009 | 1-1.5 | 8/5/1998 | ND(0.093) | ND(0.093) | ND(0.093) | ND(0.093) | ND(0.093) | 0.15 | 0.95 | 1.1 |
| 080798CT04 | SL0011 | 0-0.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.056) | 0.14 | 0.78 | 0.92 |
| 080798CT05 | SL0011 | 1-1.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.018) | ND(0.018) | 0.021 | 0.021 |
| 080798CT06 | SL0011 | 2-2.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.018) | ND(0.018) | 0.034 | 0.034 |
| 080798SB07 | SL0022 | 0-0.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.55) | 1.5 | 4.0 | 5.5 |
| 080798SB08 | SL0022 | 1-1.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.035) | 0.11 | 0.24 | 0.35 |
| 080798SB09 | SL0022 | 2-2.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.035) | 0.046 | 0.12 | 0.166 |
| 080698SB05 | SL0030 | 0-0.5 | 8/6/1998 | NA | NA | NA | NA | ND(1.7) [ND(0.86)] | ND(1.7) [0.98] | 8.6 [6.0] | 8.6 [6.98] |
| 080698SB07 | SL0030 | 1-1.5 | 8/6/1998 | NA | NA | NA | NA | ND(0.93) | ND(0.93) | 6.3 | 6.3 |
| 080698SB14 | SL0033 | 0-0.5 | 8/6/1998 | ND(0.090) | ND(0.090) | ND(0.090) | ND(0.090) | ND(0.090) | 0.10 | 0.57 | 0.67 |
| 080698SB15 | SL0033 | 1-1.5 | 8/6/1998 | NA | NA | NA | NA | ND(0.017) | ND(0.017) | 0.062 | 0.062 |
| 080698SB16 | SL0033 | 2-2.5 | 8/6/1998 | NA | NA | NA | NA | ND(0.017) | ND(0.017) | 0.034 | 0.034 |
| 080698SB24 | SL0036 | 0-0.5 | 8/6/1998 | NA | NA | NA | NA | ND(0.053) | 0.12 | 0.53 | 0.65 |
| 080698SB25 | SL0036 | 1-1.5 | 8/6/1998 | NA | NA | NA | NA | ND(0.017) | ND(0.017) | ND(0.017) | ND(0.017) |
| 080698SB26 | SL0036 | 2-2.5 | 8/6/1998 | NA | NA | NA | NA | ND(0.018) | ND(0.018) | ND(0.018) | ND(0.018) |

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| Sample ID | Location ID | Depth (Feet) | Date Collected | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Total PCBs |
|-------------------------------|-------------|--------------|----------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|---------------|---------------|
| Averaging Area 4D (continued) | | | | | | | | | | | |
| 080698CT07 | SL0043 | 0-0.5 | 8/6/1998 | NA | NA | NA | NA | ND(3.5) | ND(3.5) | 20 | 20 |
| 080698CT14 | SL0046 | 0-0.5 | 8/6/1998 | NA | NA | NA | NA | ND(0.17) [ND(0.17)] | ND(0.17) [ND(0.17)] | 0.43 J [0.56] | 0.43 J [0.56] |
| 080698CT16 | SL0046 | 1-1.5 | 8/6/1998 | NA | NA | NA | NA | ND(0.017) | ND(0.017) | 0.058 | 0.058 |
| 080698CT17 | SL0046 | 2-2.5 | 8/6/1998 | NA | NA | NA | NA | ND(0.017) | 0.022 J | 0.11 | 0.132 |
| 083198MS24 | SL0345 | 0-0.5 | 8/31/1998 | NA | NA | NA | NA | ND(0.52) | ND(0.52) | 7.4 | 7.4 |
| 083198MS25 | SL0345 | 1-1.5 | 8/31/1998 | NA | NA | NA | NA | ND(0.60) | ND(0.60) | ND(0.60) | ND(0.60) |
| 083198MS26 | SL0345 | 2-2.5 | 8/31/1998 | NA | NA | NA | NA | ND(0.59) | ND(0.59) | ND(0.59) | ND(0.59) |
| 090198MS08 | SL0378 | 0-0.5 | 9/1/1998 | NA | NA | NA | NA | ND(0.52) | ND(0.52) | 0.89 J | 0.89 J |
| 090198MS09 | SL0378 | 1-1.5 | 9/1/1998 | NA | NA | NA | NA | ND(0.51) | ND(0.51) | ND(0.51) | ND(0.51) |
| 090198MS10 | SL0378 | 2-2.5 | 9/1/1998 | NA | NA | NA | NA | ND(0.52) | ND(0.52) | ND(0.52) | ND(0.52) |
| 090198MS17 | SL0381 | 0-0.5 | 9/1/1998 | NA | NA | NA | NA | ND(0.53) | ND(0.53) | 1.4 | 1.4 |
| 090198MS18 | SL0381 | 1-1.5 | 9/1/1998 | NA | NA | NA | NA | ND(0.52) | ND(0.52) | ND(0.52) | ND(0.52) |
| 090198MS19 | SL0381 | 2-2.5 | 9/1/1998 | NA | NA | NA | NA | ND(0.51) | ND(0.51) | 2.5 | 2.5 |
| 090198MS27 | SL0394 | 0-0.5 | 9/1/1998 | NA | NA | NA | NA | ND(0.52) | ND(0.52) | 0.39 J | 0.39 J |
| 090198MS28 | SL0394 | 1-1.5 | 9/1/1998 | NA | NA | NA | NA | ND(0.51) | ND(0.51) | ND(0.51) | ND(0.51) |
| 090198MS29 | SL0394 | 2-2.5 | 9/1/1998 | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) | ND(0.019) | 0.026 J | ND(0.057) | 0.026 J |
| 090298MS05 | SL0397 | 0-0.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.51) | ND(0.51) | ND(0.51) | ND(0.51) |
| 090298MS06 | SL0397 | 1-1.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.53) | ND(0.53) | ND(0.53) | ND(0.53) |
| 090298MS07 | SL0397 | 2-2.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.55) | ND(0.55) | ND(0.55) | ND(0.55) |
| 090298MS11 | SL0399 | 0-0.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.57) | ND(0.57) | 3.8 | 3.8 |
| 090298MS12 | SL0399 | 1-1.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.51) [ND(0.53)] | ND(0.51) [ND(0.53)] | 13 [13] | 13 [13] |
| 090298MS14 | SL0399 | 2-2.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.58) | ND(0.58) | 17 | 17 |
| 090298MS15 | SL0400 | 0-0.5 | 9/2/1998 | NA | NA | NA | NA | ND(1.2) | ND(1.2) | 31 | 31 |
| 090298MS16 | SL0400 | 1-1.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.52) | ND(0.52) | 5.4 | 5.4 |
| 090298MS17 | SL0400 | 2-2.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.51) | ND(0.51) | 5.6 | 5.6 |
| 090298MS24 | SL0403 | 0-0.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.54) [ND(0.53)] | ND(0.54) [ND(0.53)] | 25 [0.52 J] | 25 [0.52 J] |
| 090298MS26 | SL0403 | 1-1.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.56) | ND(0.56) | 6.7 | 6.7 |
| 090298MS27 | SL0403 | 2-2.5 | 9/2/1998 | NA | NA | NA | NA | ND(0.54) | ND(0.54) | 0.94 | 0.94 |
| 090398MS04 | SL0405 | 0-0.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.59) | ND(0.59) | 21 | 21 |
| 090398MS05 | SL0405 | 1-1.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.55) | ND(0.55) | 6.8 | 6.8 |
| 090398MS06 | SL0405 | 2-2.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.55) | ND(0.55) | 3.3 | 3.3 |
| 090398MS07 | SL0406 | 0-0.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.61) | ND(0.61) | 4.7 | 4.7 |
| 090398MS08 | SL0406 | 1-1.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.55) | ND(0.55) | ND(0.55) | ND(0.55) |
| 090398MS09 | SL0406 | 2-2.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.56) | ND(0.56) | ND(0.56) | ND(0.56) |
| 090398MS16 | SL0409 | 0-0.5 | 9/3/1998 | NA | NA | NA | NA | ND(2.8) | ND(2.8) | 69 | 69 |
| 090398MS17 | SL0409 | 1-1.5 | 9/3/1998 | NA | NA | NA | NA | ND(2.7) | ND(2.7) | 47 | 47 |
| 090398MS18 | SL0409 | 2-2.5 | 9/3/1998 | NA | NA | NA | NA | ND(2.7) [ND(1.1)] | ND(2.7) [ND(1.1)] | 41 [31] | 41 [31] |
| 090398MS23 | SL0411 | 0-0.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.58) | ND(0.58) | 7.0 | 7.0 |
| 090398MS24 | SL0411 | 1-1.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.53) | ND(0.53) | 0.85 | 0.85 |
| 090398MS25 | SL0411 | 2-2.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.53) | ND(0.53) | 24 | 24 |
| 090398MS26 | SL0412 | 0-0.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.53) | ND(0.53) | 25 | 25 |
| 090398MS27 | SL0412 | 1-1.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.53) | ND(0.53) | 26 | 26 |
| 090398MS28 | SL0412 | 2-2.5 | 9/3/1998 | NA | NA | NA | NA | ND(0.54) | ND(0.54) | 1.9 | 1.9 |
| Averaging Area 4E | | | | | | | | | | | |
| 2S-BH000779-0-0000 | 60-4 | 0-1 | 7/17/2002 | ND(39) | ND(39) | ND(39) | ND(39) | ND(39) | 360 | 90 J | 450 |
| 2S-BH000779-0-0010 | 60-4 | 1-6 | 7/17/2002 | ND(4.3) [ND(6.8)] | ND(4.3) [ND(6.8)] | ND(4.3) [ND(6.8)] | ND(4.3) [ND(6.8)] | ND(4.3) [ND(6.8)] | 27 [47] | 13 [22] | 40 [69] |
| 2S-BH000779-0-0060 | 60-4 | 6-15 | 7/17/2002 | ND(8.6) | ND(8.6) | ND(8.6) | ND(8.6) | ND(8.6) | 89 | 34 | 123 |
| 2S-BH000680-0-0060 | K29 | 6-15 | 5/29/2002 | ND(78) | ND(78) | ND(78) | 500 | ND(78) | 960 | 360 J | 1820 |
| 2S-BH000588-0-0000 | K30 | 0-1 | 4/22/2002 | ND(0.37) | ND(0.37) | ND(0.37) | ND(0.37) | ND(0.37) | 1.4 J | 16 | 17.4 |
| 2S-BH000589-0-0000 | M30 | 0-1 | 4/22/2002 | ND(1.8) | ND(1.8) | ND(1.8) | ND(1.8) | ND(1.8) | 7.3 J | 86 | 93.3 |

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Sample ID | Location ID | Depth (Feet) | Date Collected | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Total PCBs |
|-------------------------------|-------------|--------------|----------------|--------------|--------------|--------------|--------------|---------------------|--------------|--------------|-------------|
| Averaging Area 4E (continued) | | | | | | | | | | | |
| 2S-BH000732-0-0060 | O15 | 6-15 | 6/14/2002 | ND(0.45) | ND(0.45) | ND(0.45) | ND(0.45) | ND(0.45) | 2.7 | 1.5 J | 4.2 |
| 2S-BH000745-0-0060 | O19 | 6-15 | 6/26/2002 | ND(2.6) | ND(2.6) | ND(2.6) | ND(2.6) | ND(2.6) | 29 | 6.7 | 35.7 |
| 2S-BH000730-0-0060 | O25 | 6-15 | 6/14/2002 | ND(61) | ND(61) | ND(61) | ND(61) | ND(61) | 590 J | ND(61) J | 590 J |
| 080798CT13 | SL0014 | 0-0.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.35) [ND(0.17)] | 0.65 [0.42] | 2.8 [2.0] | 3.45 [2.42] |
| 080798CT15 | SL0014 | 1-1.5 | 8/7/1998 | ND(0.26) | ND(0.26) | ND(0.26) | ND(0.26) | ND(0.26) | 1.6 | 2.9 | 4.5 |
| 080798CT16 | SL0014 | 2-2.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.086) | 0.41 | 0.93 | 1.34 |
| 080798CT23 | SL0017 | 0-0.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.88) | 2.0 | 11 | 13 |
| 080798CT24 | SL0017 | 1-1.5 | 8/7/1998 | NA | NA | NA | NA | ND(3.6) | 6.5 | 52 | 58.5 |
| 080798CT25 | SL0017 | 2-2.5 | 8/7/1998 | NA | NA | NA | NA | ND(5.5) | 7.0 | 66 | 73 |
| 080798SB17 | SL0025 | 0-0.5 | 8/7/1998 | ND(0.26) | ND(0.26) | ND(0.26) | ND(0.26) | ND(0.26) | 0.39 | 2.2 | 2.59 |
| 080798SB18 | SL0025 | 1-1.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.017) | 0.067 | 0.23 | 0.297 |
| 080798SB19 | SL0025 | 2-2.5 | 8/7/1998 | NA | NA | NA | NA | ND(3.4) | 5.1 | 35 | 40.1 |
| 080798SB26 | SL0037 | 0-0.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.90) | 2.7 | 9.1 | 11.8 |
| 080798SB27 | SL0037 | 1-1.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.18) | 1.2 | 1.9 | 3.1 |
| 080798SB28 | SL0037 | 2-2.5 | 8/7/1998 | NA | NA | NA | NA | ND(0.18) | 1.4 | 2.0 | 3.4 |
| 080798CT33 | SL0040 | 0-0.5 | 8/7/1998 | ND(110) | ND(110) | ND(110) | ND(110) | ND(110) | ND(110) | 160 | 160 |
| 080798CT34 | SL0040 | 1-1.5 | 8/7/1998 | NA | NA | NA | NA | ND(18) | 77 | 31 | 108 |
| 080798CT35 | SL0040 | 2-2.5 | 8/7/1998 | NA | NA | NA | NA | ND(18) | 85 | 34 | 119 |
| 081098SB01 | SL0048 | 0-0.5 | 8/10/1998 | NA | NA | NA | NA | ND(53) | 700 | 92 J | 792 |
| 081098SB02 | SL0048 | 1-1.5 | 8/10/1998 | NA | NA | NA | NA | ND(7.0) | 63 | 13 J | 76 |
| 081098SB03 | SL0048 | 2-2.5 | 8/10/1998 | NA | NA | NA | NA | ND(3.5) | 43 | 12 J | 55 |
| 081798CT07 | SL0147 | 0-0.5 | 8/17/1998 | NA | NA | NA | NA | ND(9.3) | 57 | 52 J | 109 |
| 081798CT08 | SL0147 | 1-1.5 | 8/17/1998 | NA | NA | NA | NA | ND(1.8) | 12 | 12 | 24 |
| 081798CT09 | SL0147 | 2-2.5 | 8/17/1998 | NA | NA | NA | NA | ND(1.8) | 17 | 18 | 35 |
| 081798CT16 | SL0150 | 0-0.5 | 8/17/1998 | NA | NA | NA | NA | ND(18) [ND(18)] | 110 [110] | 130 [110 J] | 240 [220] |
| 081798CT18 | SL0150 | 1-1.5 | 8/17/1998 | NA | NA | NA | NA | ND(92) | 140 | 1100 | 1240 |
| 081798CT19 | SL0150 | 2-2.5 | 8/17/1998 | NA | NA | NA | NA | ND(46) | ND(46) | 100 | 100 |
| 081798CT26 | SL0153 | 0-0.5 | 8/17/1998 | NA | NA | NA | NA | ND(1.8) | 4.4 | 24 | 28.4 |
| 081798CT27 | SL0153 | 1-1.5 | 8/17/1998 | ND(9.1) | ND(9.1) | ND(9.1) | ND(9.1) | ND(9.1) | 16 | 140 | 156 |
| 081798CT28 | SL0153 | 2-2.5 | 8/17/1998 | NA | NA | NA | NA | ND(3.6) | 5.0 | 54 | 59 |
| 081798BT30 | SL0156 | 0-0.5 | 8/17/1998 | NA | NA | NA | NA | ND(3.7) | 14 | 46 | 60 |
| 081798BT31 | SL0156 | 1-1.5 | 8/17/1998 | NA | NA | NA | NA | ND(0.35) | 0.93 | 2.5 | 3.43 |
| 081798BT32 | SL0156 | 2-2.5 | 8/17/1998 | NA | NA | NA | NA | ND(0.48) | 3.8 | 1.6 J | 5.4 |
| 081798BT11 | SL0158 | 0-0.5 | 8/17/1998 | NA | NA | NA | NA | ND(19) | 46 | 130 | 176 |
| 081798BT12 | SL0158 | 1-1.5 | 8/17/1998 | NA | NA | NA | NA | ND(18) | ND(18) | 53 | 53 |
| 081798BT13 | SL0158 | 2-2.5 | 8/17/1998 | NA | NA | NA | NA | ND(38) | ND(38) | 110 | 110 |
| 081798BT20 | SL0161 | 0-0.5 | 8/17/1998 | ND(3.9) | ND(3.9) | ND(3.9) | ND(3.9) | ND(3.9) | 23 | 30 | 53 |
| 081798BT21 | SL0161 | 1-1.5 | 8/17/1998 | NA | NA | NA | NA | ND(4.0) | 24 | 38 | 62 |
| 081798BT22 | SL0161 | 2-2.5 | 8/17/1998 | NA | NA | NA | NA | ND(0.59) | 5.0 J | 9.0 | 14 |
| 081798BT26 | SL0163 | 0-0.5 | 8/17/1998 | NA | NA | NA | NA | ND(19) [ND(19)] | 27 [26] | 47 [42] | 74 [68] |
| 081798BT28 | SL0163 | 1-1.5 | 8/17/1998 | NA | NA | NA | NA | ND(0.90) | 3.4 | 8.1 | 11.5 |
| 081798BT29 | SL0163 | 2-2.5 | 8/17/1998 | NA | NA | NA | NA | ND(0.89) | 3.6 | 9.6 | 13.2 |
| 081798BT39 | SL0166 | 0-0.5 | 8/17/1998 | ND(18) | ND(18) | ND(18) | ND(18) | ND(18) | 29 | 56 | 85 |
| 081798BT40 | SL0166 | 1-1.5 | 8/17/1998 | NA | NA | NA | NA | ND(1.8) | 14 | 27 | 41 |
| 081798BT41 | SL0166 | 2-2.5 | 8/17/1998 | NA | NA | NA | NA | ND(1.8) | 12 | 20 | 32 |
| 081898CT33 | SL0176 | 0-0.5 | 8/18/1998 | NA | NA | NA | NA | ND(3.8) [ND(3.8)] | 4.7 [6.2] | 24 [30] | 28.7 [36.2] |
| 081898CT35 | SL0176 | 1-1.5 | 8/18/1998 | NA | NA | NA | NA | ND(0.18) | 0.21 | 0.84 | 1.05 |
| 081898CT36 | SL0176 | 2-2.5 | 8/18/1998 | NA | NA | NA | NA | ND(0.18) | 0.20 | 0.85 | 1.05 |
| 081898CT37 | SL0187 | 0-0.5 | 8/18/1998 | ND(1.9) | ND(1.9) | ND(1.9) | ND(1.9) | ND(1.9) | ND(1.9) | 14 | 14 |
| 081898CT38 | SL0187 | 1-1.5 | 8/18/1998 | NA | NA | NA | NA | ND(0.020) | 0.038 | 0.28 | 0.318 |

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Sample ID | Location ID | Depth (Feet) | Date Collected | Aroclor-1018 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Total PCBs |
|-------------------------------|-------------|--------------|----------------|--------------|--------------|--------------|--------------|---------------------|-------------------|--------------------|-----------------|
| Averaging Area 4E (continued) | | | | | | | | | | | |
| 081898CT39 | SL0187 | 2-2.5 | 8/18/1998 | NA | NA | NA | NA | ND(0.39) | ND(0.39) | 2.4 | 2.4 |
| 081998BT07 | SL0190 | 0-0.5 | 8/19/1998 | NA | NA | NA | NA | ND(1900) J | 13000 J | ND(1900) J | 13000 J |
| 081998BT08 | SL0190 | 1-1.5 | 8/19/1998 | NA | NA | NA | NA | ND(190) | 1000 | 220 J | 1220 |
| 081998BT09 | SL0190 | 2-2.5 | 8/19/1998 | NA | NA | NA | NA | ND(36) | 370 | 130 J | 500 |
| 082598MS17 | SL0267 | 0-0.5 | 8/25/1998 | NA | NA | NA | NA | ND(0.36) | ND(0.36) | 2.7 | 2.7 |
| 082598MS18 | SL0267 | 1-1.5 | 8/25/1998 | NA | NA | NA | NA | ND(0.018) | 0.036 | 0.28 | 0.316 |
| 082598MS19 | SL0267 | 2-2.5 | 8/25/1998 | NA | NA | NA | NA | ND(0.018) | ND(0.018) | 0.15 | 0.15 |
| 082598MS26 | SL0270 | 0-0.5 | 8/25/1998 | NA | NA | NA | NA | ND(0.89) | 2.4 | 6.8 | 9.2 |
| 082598MS27 | SL0270 | 1-1.5 | 8/25/1998 | NA | NA | NA | NA | ND(1.7) | 4.2 | 13 | 17.2 |
| 082598MS28 | SL0270 | 2-2.5 | 8/25/1998 | ND(0.86) | ND(0.86) | ND(0.86) | ND(0.86) | ND(0.86) | 1.4 J | 3.1 | 4.5 |
| 082698MS08 | SL0285 | 0-0.5 | 8/26/1998 | NA | NA | NA | NA | ND(1.7) | 5.9 | 16 | 21.9 |
| 082698MS09 | SL0285 | 1-1.5 | 8/26/1998 | NA | NA | NA | NA | ND(0.19) | 0.36 | 0.85 | 1.21 |
| 082698MS10 | SL0285 | 2-2.5 | 8/26/1998 | NA | NA | NA | NA | ND(1.8) | 2.2 | 11 | 13.2 |
| 082698MS17 | SL0288 | 0-0.5 | 8/26/1998 | NA | NA | NA | NA | ND(9.2) | 32 | 110 | 142 |
| 082698MS18 | SL0288 | 1-1.5 | 8/26/1998 | NA | NA | NA | NA | ND(8.8) | ND(8.8) | 48 | 48 |
| 082698MS19 | SL0288 | 2-2.5 | 8/26/1998 | NA | NA | NA | NA | ND(18) | ND(18) | 170 | 170 |
| 082798MS04 | SL0311 | 0-0.5 | 8/27/1998 | NA | NA | NA | NA | ND(2.8) | ND(2.8) | 56 | 56 |
| 082798MS05 | SL0311 | 1-1.5 | 8/27/1998 | NA | NA | NA | NA | ND(0.56) | ND(0.56) | 19 | 19 |
| 082798MS06 | SL0311 | 2-2.5 | 8/27/1998 | NA | NA | NA | NA | ND(0.56) | ND(0.56) | 9.2 | 9.2 |
| 082798MS14 | SL0314 | 0-0.5 | 8/27/1998 | NA | NA | NA | NA | ND(11) | ND(11) | 180 | 180 |
| 082798MS15 | SL0314 | 1-1.5 | 8/27/1998 | NA | NA | NA | NA | ND(5.4) | ND(5.4) | 150 | 150 |
| 082798MS16 | SL0314 | 2-2.5 | 8/27/1998 | NA | NA | NA | NA | ND(2.6) | ND(2.6) | 65 | 65 |
| 082798MS20 | SL0316 | 0-0.5 | 8/27/1998 | NA | NA | NA | NA | ND(1.2) | ND(1.2) | 31 | 31 |
| 082798MS21 | SL0316 | 1-1.5 | 8/27/1998 | NA | NA | NA | NA | ND(0.55) | ND(0.55) | 21 | 21 |
| 082798MS22 | SL0316 | 2-2.5 | 8/27/1998 | NA | NA | NA | NA | ND(5.8) | ND(5.8) | 130 | 130 |
| 082798MS23 | SL0317 | 0-0.5 | 8/27/1998 | NA | NA | NA | NA | ND(30) | ND(30) | 360 | 360 |
| 082798MS24 | SL0317 | 1-1.5 | 8/27/1998 | NA | NA | NA | NA | ND(2.6) | ND(2.6) | 35 | 35 |
| 082798MS25 | SL0317 | 2-2.5 | 8/27/1998 | NA | NA | NA | NA | ND(2.7) | ND(2.7) | 59 | 59 |
| 082898MS08 | SL0320 | 0-0.5 | 8/28/1998 | NA | NA | NA | NA | ND(5.4) | ND(5.4) | 99 | 99 |
| 082898MS09 | SL0320 | 1-1.5 | 8/28/1998 | NA | NA | NA | NA | ND(5.3) | ND(5.3) | 180 | 180 |
| 082898MS10 | SL0320 | 2-2.5 | 8/28/1998 | NA | NA | NA | NA | ND(56) [ND(11)] | ND(56) J [1800 J] | 1900 J [220 J] | 1900 J [2020 J] |
| 082898MS18 | SL0323 | 0-0.5 | 8/28/1998 | NA | NA | NA | NA | ND(2.8) | ND(2.8) | 110 | 110 |
| 082898MS19 | SL0323 | 1-1.5 | 8/28/1998 | NA | NA | NA | NA | ND(2.7) | ND(2.7) | 110 | 110 |
| 082898MS20 | SL0323 | 2-2.5 | 8/28/1998 | NA | NA | NA | NA | ND(11) | ND(11) | 160 J | 160 J |
| 082898MS28 | SL0326 | 0-0.5 | 8/28/1998 | NA | NA | NA | NA | ND(0.55) | ND(0.55) | 4.4 | 4.4 |
| 082898MS29 | SL0326 | 1-1.5 | 8/28/1998 | NA | NA | NA | NA | ND(0.51) | ND(0.51) | 5.6 | 5.6 |
| 082898MS30 | SL0326 | 2-2.5 | 8/28/1998 | NA | NA | NA | NA | ND(0.53) | ND(0.53) | 10 | 10 |
| 083198MS04 | SL0339 | 0-0.5 | 8/31/1998 | NA | NA | NA | NA | ND(0.55) | ND(0.55) | 8.4 | 8.4 |
| 083198MS05 | SL0339 | 1-1.5 | 8/31/1998 | NA | NA | NA | NA | ND(0.57) | ND(0.57) | ND(0.57) | ND(0.57) |
| 083198MS06 | SL0339 | 2-2.5 | 8/31/1998 | NA | NA | NA | NA | ND(0.52) [ND(0.53)] | 16 J [3.0 J] | ND(0.52) J [1.7 J] | 16 J [4.7 J] |
| 083198MS14 | SL0342 | 0-0.5 | 8/31/1998 | NA | NA | NA | NA | ND(2.6) | ND(2.6) | 70 | 70 |
| 083198MS15 | SL0342 | 1-1.5 | 8/31/1998 | NA | NA | NA | NA | ND(0.52) | ND(0.52) | 16 | 16 |
| 083198MS16 | SL0342 | 2-2.5 | 8/31/1998 | NA | NA | NA | NA | ND(0.52) | ND(0.52) | 10 | 10 |

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. Duplicate sample results are presented in brackets.

Data Qualifiers:

J - Estimated Value.

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX-3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4A G14 2S-BH000760-0-0060 6-12 07/08/02 | 4A I11S 2S-BH000605-0-0000 0-1 04/25/02 | 4A K11 2S-BH000749-0-0060 6-15 07/02/02 | 4A K15 2S-BH000739-0-0000 0-1 04/18/02 | 4A K15 2S-BH000739-0-0010 1-6 04/18/02 |
|---|---|---|---|--|--|
| Volatiles Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 1,1,1-Trichloroethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | 0.21 J |
| 1,1,2-Trichloroethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 1,1-Dichloroethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 1,1-Dichloroethene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(0.0045) J | NS | ND(0.0050) | 0.43 J | 0.41 J |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,2-Dibromoethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 1,2-Dichloroethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 1,2-Dichloropropane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 1,4-Dichlorobenzene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 1,4-Dioxane | R | NS | R | R | R |
| 2-Butanone | R | NS | R | R | R |
| 2-Chloro-1,3-butadiene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 2-Chloroethylvinylether | R | NS | R | ND(0.48) | ND(0.52) |
| 2-Hexanone | ND(0.0045) J | NS | ND(0.0050) J | ND(0.48) | ND(0.52) |
| 3-Chloropropene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| 4-Methyl-2-pentanone | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Acetone | 0.11 J | NS | 0.030 | R | R |
| Acrolein | R | NS | R | R | R |
| Acrylonitrile | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Benzene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Bromodichloromethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Bromoform | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Bromomethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) J | ND(0.52) J |
| Carbon Disulfide | 0.018 J | NS | 0.0041 J | ND(0.48) | ND(0.52) |
| Carbon Tetrachloride | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Chlorobenzene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Chloroethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Chloroform | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Chloromethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| cis-1,2-Dichloroethene | ND(0.0045) J | NS | ND(0.0050) | 0.67 | 4.3 |
| cis-1,3-Dichloropropene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Dibromochloromethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Dibromomethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Ethyl Methacrylate | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Ethylbenzene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Freon 12 | ND(0.0045) J | NS | ND(0.0050) J | ND(0.48) | ND(0.52) |
| Iodomethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) J | ND(0.52) J |
| Isobutanol | R | NS | R | R | R |
| Isopropylbenzene | NS | NS | NS | NS | NS |
| m&p-Xylene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Methacrylonitrile | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Methyl Methacrylate | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Methylene Chloride | ND(0.0051) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Naphthalene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| n-Butylbenzene | NS | NS | NS | NS | NS |
| n-Propylbenzene | NS | NS | NS | NS | NS |
| o-Xylene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| p-Isopropyltoluene | NS | NS | NS | NS | NS |
| Propionitrile | R | NS | R | R | R |
| Styrene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Tetrachloroethene | ND(0.0045) J | NS | ND(0.0050) | 0.98 | 5.4 |
| Tetrahydrofuran | NS | NS | NS | NS | NS |
| Toluene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | 0.17 J |
| trans-1,2-Dichloroethene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| trans-1,3-Dichloropropene | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Trichloroethene | ND(0.0045) J | NS | ND(0.0050) | 5.8 | 4.8 |
| Trichlorofluoromethane | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Vinyl Acetate | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Vinyl Chloride | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |
| Xylenes (total) | ND(0.0045) J | NS | ND(0.0050) | ND(0.48) | ND(0.52) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4A G14 2S-BH000760-0-0060 6-12 07/08/02 | 4A I11S 2S-BH000605-0-0000 0-1 04/25/02 | 4A K11 2S-BH000749-0-0060 6-15 07/02/02 | 4A K15 2S-BH000739-0-0000 0-1 04/18/02 | 4A K15 2S-BH000739-0-0010 1-6 04/18/02 |
|---|---|---|---|--|--|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND(0.38) | NS | ND(0.38) | ND(1.5) | 0.18 J |
| 1,2,4-Trichlorobenzene | ND(0.38) | ND(11) | ND(0.38) | 0.74 J | 2.4 J |
| 1,2-Dichlorobenzene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 1,3-Dichlorobenzene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 1,4-Dichlorobenzene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 2,4,5-Trichlorophenol | ND(0.96) | ND(28) | ND(0.96) | ND(3.7) | ND(9.1) |
| 2,4,6-Trichlorophenol | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 2,4-Dichlorophenol | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 2,4-Dimethylphenol | ND(0.38) | 2.2 J | ND(0.38) | ND(1.5) | ND(3.6) |
| 2,4-Dinitrophenol | ND(0.96) | ND(28) | ND(0.96) | ND(3.7) | ND(9.1) |
| 2,4-Dinitrotoluene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 2,6-Dinitrotoluene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 2-Chloronaphthalene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 2-Chlorophenol | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 2-Methylnaphthalene | 0.030 J | ND(11) | ND(0.38) | 0.15 J | 0.25 J |
| 2-Methylphenol | ND(0.38) | 1.7 J | ND(0.38) | 0.10 J | ND(3.6) |
| 2-Nitroaniline | ND(0.96) | ND(28) | ND(0.96) | ND(3.7) | ND(9.1) |
| 2-Nitrophenol | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 2-Picoline | ND(0.38) | NS | ND(0.38) | ND(1.5) | ND(3.6) |
| 3,3'-Dichlorobenzidine | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 3-Nitroaniline | ND(0.96) | ND(28) | ND(0.96) | ND(3.7) | ND(9.1) |
| 4,6-Dinitro-2-methylphenol | ND(0.96) | ND(28) | ND(0.96) | ND(3.7) | ND(9.1) |
| 4-Bromophenyl-phenylether | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 4-Chloro-3-Methylphenol | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 4-Chloroaniline | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 4-Chlorophenyl-phenylether | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| 4-Methylphenol | ND(0.38) | 3.0 J | ND(0.38) | 0.17 J | 0.37 J |
| 4-Nitroaniline | ND(0.96) | ND(28) | ND(0.96) J | ND(3.7) J | ND(9.1) J |
| 4-Nitrophenol | ND(0.96) | ND(28) | ND(0.96) J | ND(3.7) J | ND(9.1) J |
| 4-Nitroquinoline-1-oxide | ND(0.38) J | NS | ND(0.38) J | ND(1.5) J | ND(3.6) J |
| 4-Phenylenediamine | ND(0.38) | NS | ND(0.38) | ND(1.5) | ND(3.6) |
| Acenaphthene | ND(0.38) | 1.4 J | ND(0.38) | 0.29 J | ND(3.6) |
| Acenaphthylene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Acetophenone | ND(0.38) | NS | ND(0.38) | ND(1.5) | ND(3.6) |
| Aniline | ND(0.96) | NS | ND(0.96) | 0.17 J | ND(9.1) |
| Anthracene | 0.058 J | 3.5 J | ND(0.38) | 1.0 J | ND(3.6) |
| Aramite | ND(0.38) | NS | ND(0.38) | ND(1.5) | ND(3.6) |
| Benzo(a)anthracene | 0.28 J | 9.4 J | ND(0.38) | 4.1 | 0.84 J |
| Benzo(a)pyrene | 0.31 J | 7.8 J | ND(0.38) | 3.8 | 0.81 J |
| Benzo(b)fluoranthene | 0.32 J | 7.1 J | ND(0.38) | 4.3 | 1.5 J |
| Benzo(g,h,i)perylene | 0.26 J | 4.4 J | ND(0.38) | 2.6 | 0.79 J |
| Benzo(k)fluoranthene | 0.38 | 7.8 J | ND(0.38) | 3.6 | 1.1 J |
| Benzyl Alcohol | ND(0.38) J | NS | ND(0.38) J | ND(1.5) J | ND(3.6) J |
| bis(2-Chloroethoxy)methane | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| bis(2-Chloroethyl)ether | ND(0.38) | 1.2 J | ND(0.38) | ND(1.5) | ND(3.6) |
| bis(2-Chloroisopropyl)ether | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| bis(2-Ethylhexyl)adipate | NS | ND(11) | NS | NS | NS |
| bis(2-Ethylhexyl)phthalate | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Butylbenzylphthalate | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Carbazole | NS | 2.2 J | NS | NS | NS |
| Chrysene | 0.36 J | 9.2 J | ND(0.38) | 4.4 | 1.4 J |
| Dibenzo(a,h)anthracene | 0.063 J | 2.2 J | ND(0.38) J | 0.86 J | 0.23 J |
| Dibenzofuran | 0.031 J | ND(11) | ND(0.38) | 0.23 J | ND(3.6) |
| Diethylphthalate | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Dimethylphthalate | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Di-n-Butylphthalate | 0.021 J | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Di-n-Octylphthalate | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Fluoranthene | 0.47 | 19 | ND(0.38) | 6.0 | 0.88 J |
| Fluorene | 0.028 J | 1.9 J | ND(0.38) | 0.31 J | ND(3.6) |
| Hexachlorobenzene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Hexachlorobutadiene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Hexachlorocyclopentadiene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Hexachloroethane | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Indeno(1,2,3-cd)pyrene | 0.22 J | 5.1 J | ND(0.38) | 2.2 | 0.60 J |
| Isophorone | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Naphthalene | 0.054 J | ND(11) | ND(0.38) | 0.32 J | 0.24 J |
| Nitrobenzene | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| N-Nitroso-di-n-propylamine | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4A | 4A | 4A | 4A | 4A |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | G14 | 111S | K11 | K15 | K15 |
| Sample ID: | 2S-BH000760-0-0060 | 2S-BH000805-0-0000 | 2S-BH000749-0-0060 | 2S-BH000739-0-0000 | 2S-BH000739-0-0010 |
| Sample Depth(Feet): | 6-12 | 0-1 | 6-15 | 0-1 | 1-6 |
| Date Collected: | 07/08/02 | 04/25/02 | 07/02/02 | 04/18/02 | 04/18/02 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(0.38) | ND(11) | ND(0.38) | ND(1.5) | ND(3.6) |
| Pentachlorobenzene | ND(0.38) | NS | ND(0.38) | 0.030 J | 0.30 J |
| Pentachlorophenol | ND(0.96) | ND(28) | ND(0.95) | ND(3.7) | ND(9.1) |
| Phenacetin | ND(0.38) | NS | ND(0.38) | ND(1.5) | ND(3.6) |
| Phenanthrene | 0.26 J | 14 | ND(0.38) | 4.1 | 0.78 J |
| Phenol | ND(0.38) | 6.6 J | ND(0.38) | 0.54 J | 0.37 J |
| Pyrene | 0.49 | 17 | ND(0.38) | 6.5 | 0.94 J |
| Pyridine | ND(0.38) | NS | ND(0.38) | ND(1.5) | ND(3.6) |
| Safrole | R | NS | R | R | R |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepona | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS | NS |
| TCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS | NS |
| PeCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| HxCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS | NS |
| HpCDFs (total) | NS | NS | NS | NS | NS |
| OCDF | NS | NS | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS | NS |
| TCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS | NS |
| PeCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS | NS |
| HxCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS | NS |
| HpCDDs (total) | NS | NS | NS | NS | NS |
| OCDD | NS | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4A | 4A | 4A | 4A | 4A |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | G14 | I11S | K11 | K15 | K15 |
| Sample ID: | 2S-BH000760-0-0060 | 2S-BH000605-0-0000 | 2S-BH000749-0-0060 | 2S-BH000739-0-0000 | 2S-BH000739-0-0010 |
| Sample Depth(Feet): | 6-12 | 0-1 | 6-15 | 0-1 | 1-6 |
| Date Collected: | 07/08/02 | 04/25/02 | 07/02/02 | 04/18/02 | 04/18/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | 0.810 J | NS | ND(0.300) | 3.30 J | 7.30 |
| Arsenic | 15.5 | NS | 1.30 | 11.1 | 8.30 |
| Barium | 32.9 | NS | 21.8 J | 49.9 | 110 |
| Beryllium | 0.250 J | NS | 0.190 J | 0.300 J | 0.460 J |
| Cadmium | ND(0.0580) | NS | ND(0.0700) | 1.00 | 1.60 |
| Chromium | 11.9 | NS | 8.50 | 18.5 | 20.2 |
| Cobalt | 9.80 | NS | 5.20 J | 10.4 | 7.00 |
| Copper | 67.1 | NS | 6.90 | 3010 | 1080 |
| Cyanide | ND(0.490) | ND(0.550) | ND(0.580) | ND(0.510) | ND(0.530) |
| Lead | 69.6 | NS | 5.10 | 157 J | 600 J |
| Mercury | 0.0770 | NS | ND(0.0180) | 0.210 | 1.80 |
| Nickel | 17.7 | NS | 9.30 | 54.8 | 22.2 |
| Selenium | 0.440 J | NS | ND(0.300) | ND(0.200) | ND(0.210) |
| Silver | ND(0.150) | NS | ND(0.180) | 0.530 J | 0.330 J |
| Sulfide | 26.6 | R | ND(8.30) | ND(8.60) J | ND(8.70) J |
| Thallium | ND(0.180) | NS | ND(0.700) | ND(0.580) | ND(0.620) |
| Tin | 2.70 | NS | ND(0.350) | 160 | 55.1 |
| Vanadium | 10.1 | NS | 5.80 J | 17.1 | 17.5 |
| Zinc | 283 | NS | 35.4 | 552 | 787 |

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EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4A M5 2S-BH000603-0-0000 0-1 04/25/02 | 4A M7 2S-BH000750-0-0010 1-6 07/03/02 | 4A O1 2S-BH000604-0-0000 0-1 04/25/02 | 4B 60-1 2S-BH000775-0-0010 1-6 07/16/02 | 4B 60-1 2S-BH000775-0-0060 6-15 07/16/02 |
|---|---|---|---|---|--|
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 1,1,1-Trichloroethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 1,1,2-Trichloroethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 1,1-Dichloroethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 1,1-Dichloroethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | NS | ND(0.0050) | NS | 0.029 | 0.023 |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,2-Dibromoethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 1,2-Dichloroethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 1,2-Dichloropropane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | NS | ND(0.0050) | NS | ND(0.0043) | 0.015 |
| 1,4-Dichlorobenzene | NS | ND(0.0050) | NS | ND(0.0043) | 0.084 |
| 1,4-Dioxane | NS | R | NS | ND(0.21) | ND(0.34) |
| 2-Butanone | NS | 0.0062 J | NS | ND(0.0043) | 0.021 |
| 2-Chloro-1,3-butadiene | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 2-Chloroethylvinylether | NS | R | NS | ND(0.0043) | ND(0.0068) |
| 2-Hexanone | NS | ND(0.0050) J | NS | ND(0.0043) | ND(0.0068) |
| 3-Chloropropene | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| 4-Methyl-2-pentanone | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Acetone | NS | 0.048 | NS | 0.050 | 0.16 |
| Acrolein | NS | R | NS | ND(0.0043) | ND(0.0068) |
| Acrylonitrile | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Benzene | NS | 0.0041 J | NS | 0.0011 J | 0.0042 J |
| Bromodichloromethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Bromoform | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Bromomethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Carbon Disulfide | NS | 0.0064 | NS | 0.037 | 0.082 |
| Carbon Tetrachloride | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Chlorobenzene | NS | ND(0.0050) | NS | ND(0.0043) | 0.0059 J |
| Chloroethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Chloroform | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Chloromethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| cis-1,2-Dichloroethene | NS | ND(0.0050) | NS | 0.0020 J | ND(0.0068) |
| cis-1,3-Dichloropropene | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Dibromochloromethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Dibromomethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Ethyl Methacrylate | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Ethylbenzene | NS | ND(0.0050) | NS | ND(0.0043) | 0.0014 J |
| Freon 12 | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Iodomethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Isobutanol | NS | R | NS | ND(0.21) | ND(0.34) |
| Isopropylbenzene | NS | NS | NS | NS | NS |
| m&p-Xylene | NS | ND(0.0050) | NS | ND(0.0043) | 0.0029 J |
| Methacrylonitrile | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Methyl Methacrylate | NS | 0.0075 | NS | ND(0.0043) | ND(0.0068) |
| Methylene Chloride | NS | ND(0.0050) | NS | 0.044 | 0.0031 J |
| Naphthalene | NS | ND(0.0050) | NS | 0.0037 J | ND(0.0068) |
| n-Butylbenzene | NS | NS | NS | NS | NS |
| n-Propylbenzene | NS | NS | NS | NS | NS |
| o-Xylene | NS | ND(0.0050) | NS | ND(0.0043) | 0.0029 J |
| p-Isopropyltoluene | NS | NS | NS | NS | NS |
| Propionitrile | NS | R | NS | ND(0.017) | ND(0.027) |
| Styrene | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Tetrachloroethene | NS | 0.0079 | NS | ND(0.0043) | ND(0.0068) |
| Tetrahydrofuran | NS | NS | NS | NS | NS |
| Toluene | NS | ND(0.0050) | NS | 0.0010 J | 0.0046 J |
| trans-1,2-Dichloroethene | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| trans-1,3-Dichloropropene | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Trichloroethane | NS | ND(0.0050) | NS | 0.0082 | 0.0038 J |
| Trichlorofluoromethane | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Vinyl Acetate | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Vinyl Chloride | NS | ND(0.0050) | NS | ND(0.0043) | ND(0.0068) |
| Xylenes (total) | NS | ND(0.0050) | NS | ND(0.0043) | 0.0058 J |

TABLE 6
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(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4A M5 2S-BH000603-0-0000 0-1 04/25/02 | 4A M7 2S-BH000750-0-0010 1-6 07/03/02 | 4A O1 2S-BH000604-0-0000 0-1 04/25/02 | 4B 60-1 2S-BH000775-0-0010 1-6 07/16/02 | 4B 60-1 2S-BH000775-0-0060 6-15 07/16/02 |
|---|---|---|---|---|--|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | ND(3.6) | NS | ND(1.4) | ND(8.2) |
| 1,2,4-Trichlorobenzene | ND(3.8) | ND(3.6) | ND(3.6) | 0.26 J | ND(8.2) |
| 1,2-Dichlorobenzene | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 1,3-Dichlorobenzene | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 1,4-Dichlorobenzene | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 2,4,5-Trichlorophenol | ND(9.4) | ND(9.0) | ND(9.0) | ND(3.4) | ND(20) |
| 2,4,6-Trichlorophenol | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 2,4-Dichlorophenol | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 2,4-Dimethylphenol | ND(3.8) | ND(3.6) | ND(3.6) | 0.14 J | ND(8.2) |
| 2,4-Dinitrophenol | ND(9.4) | ND(9.0) | ND(9.0) | ND(3.4) | ND(20) |
| 2,4-Dinitrotoluene | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 2,6-Dinitrotoluene | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 2-Chloronaphthalene | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 2-Chlorophenol | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 2-Methylnaphthalene | ND(3.8) | 0.44 J | ND(3.6) | 0.52 J | ND(8.2) |
| 2-Methylphenol | ND(3.8) | ND(3.6) | ND(3.6) | 0.15 J | ND(8.2) |
| 2-Nitroaniline | ND(9.4) | ND(9.0) | ND(9.0) | ND(3.4) | ND(20) |
| 2-Nitrophenol | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 2-Picoline | NS | ND(3.6) | NS | ND(1.4) | ND(8.2) |
| 3,3'-Dichlorobenzidine | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 3-Nitroaniline | ND(9.4) | ND(9.0) | ND(9.0) | ND(3.4) | ND(20) |
| 4,6-Dinitro-2-methylphenol | ND(9.4) | ND(9.0) | ND(9.0) | ND(3.4) | ND(20) |
| 4-Bromophenyl-phenylether | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 4-Chloro-3-Methylphenol | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 4-Chloroaniline | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 4-Chlorophenyl-phenylether | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| 4-Methylphenol | ND(3.8) | ND(3.6) | ND(3.6) | 0.20 J | ND(8.2) |
| 4-Nitroaniline | ND(9.4) | ND(9.0) | ND(9.0) | ND(3.4) | ND(20) |
| 4-Nitrophenol | ND(9.4) | ND(9.0) | ND(9.0) | ND(3.4) | ND(20) |
| 4-Nitroquinoline-1-oxide | NS | ND(3.6) J | NS | ND(1.4) | ND(8.2) |
| 4-Phenylenediamine | NS | ND(3.6) | NS | ND(1.4) | ND(8.2) |
| Acenaphthene | ND(3.8) J | 1.2 J | ND(3.6) | 0.31 J | ND(8.2) |
| Acenaphthylene | ND(3.8) | ND(3.6) | ND(3.6) | 0.68 J | 0.52 J |
| Acetophenone | NS | ND(3.6) | NS | ND(1.4) | ND(8.2) |
| Aniline | NS | ND(9.0) | NS | 4.6 J | ND(20) |
| Anthracene | 0.39 J | 6.2 | ND(3.6) | 0.79 J | ND(8.2) |
| Aramite | NS | ND(3.6) | NS | ND(1.4) | ND(8.2) |
| Benzo(a)anthracene | 1.5 J | 38 | ND(3.6) | 3.5 | 0.72 J |
| Benzo(a)pyrene | 1.5 J | 35 | ND(3.6) | 3.6 | 0.79 J |
| Benzo(b)fluoranthene | 1.9 J | 39 | 0.41 J | 3.4 | 0.65 J |
| Benzo(g,h,i)perylene | 0.92 J | 26 | ND(3.6) | 2.8 J | 0.50 J |
| Benzo(k)fluoranthene | 1.2 J | 33 | ND(3.6) | 3.9 | 0.67 J |
| Benzyl Alcohol | NS | ND(3.6) J | NS | ND(1.4) | ND(8.2) |
| bis(2-Chloroethoxy)methane | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| bis(2-Chloroethyl)ether | 0.58 J | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| bis(2-Chloroisopropyl)ether | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| bis(2-Ethylhexyl)adipate | ND(3.8) | NS | 0.74 J | NS | NS |
| bis(2-Ethylhexyl)phthalate | ND(3.8) | ND(3.6) | ND(3.6) | 0.080 J | ND(8.2) |
| Butylbenzylphthalate | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| Carbazole | ND(3.8) | NS | ND(3.6) | NS | NS |
| Chrysene | 1.8 J | 39 | 0.46 J | 4.2 | 0.86 J |
| Dibenzo(a,h)anthracene | 0.49 J | 9.8 | ND(3.6) | 0.88 J | ND(8.2) |
| Dibenzofuran | ND(3.8) | 1.4 J | ND(3.6) | 0.20 J | ND(8.2) |
| Diethylphthalate | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| Dimethylphthalate | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| Di-n-Butylphthalate | ND(3.8) | ND(3.6) | ND(3.6) | 0.28 J | ND(8.2) |
| Di-n-Octylphthalate | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| Fluoranthene | 3.1 J | 43 | 0.78 J | 5.4 | 1.3 J |
| Fluorene | ND(3.8) | 1.5 J | ND(3.6) | 0.34 J | ND(8.2) |
| Hexachlorobenzene | ND(3.8) | ND(3.6) | ND(3.6) | 0.090 J | ND(8.2) |
| Hexachlorobutadiene | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| Hexachlorocyclopentadiene | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| Hexachloroethane | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| Indeno(1,2,3-cd)pyrene | 1.0 J | 23 | ND(3.6) | 2.2 J | 0.40 J |
| Isophorone | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| Naphthalene | ND(3.8) | 0.54 J | ND(3.6) | 1.0 J | ND(8.2) |
| Nitrobenzene | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |
| N-Nitroso-di-n-propylamine | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) |

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4A | 4A | 4A | 4B | 4B | |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|----------|
| Location ID: | M5 | M7 | O1 | 60-1 | 60-1 | |
| Sample ID: | 2S-BH000803-0-0000 | 2S-BH000750-0-0010 | 2S-BH000804-0-0000 | 2S-BH000775-0-0010 | 2S-BH000775-0-0060 | |
| Sample Depth(Feet): | 0-1 | 1-6 | 0-1 | 1-6 | 6-15 | |
| Parameter | Date Collected: | 04/25/02 | 07/03/02 | 04/25/02 | 07/16/02 | 07/16/02 |
| Semivolatile Organics (continued) | | | | | | |
| N-Nitrosodiphenylamine | ND(3.8) | ND(3.6) | ND(3.6) | ND(1.4) | ND(8.2) | |
| Pentachlorobenzene | NS | ND(3.6) | NS | 0.50 J | ND(8.2) | |
| Pentachlorophenol | R | ND(9.0) | ND(9.0) | ND(3.4) | ND(20) | |
| Phenacetin | NS | ND(3.6) | NS | ND(1.4) | NS | |
| Phenanthrene | 2.2 J | 23 | 0.47 J | 3.5 | ND(8.2) | |
| Phenol | 0.98 J | ND(3.6) | ND(3.6) | 3.1 | ND(8.2) | |
| Pyrene | 2.8 J | 56 | 0.71 J | 6.6 J | 2.5 J | |
| Pyridine | NS | ND(3.6) | NS | ND(1.4) | ND(8.2) | |
| Safole | NS | R | NS | ND(1.4) | ND(8.2) | |
| Organochlorine Pesticides | | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS | |
| 4,4'-DDE | NS | NS | NS | NS | NS | |
| 4,4'-DDT | NS | NS | NS | NS | NS | |
| Delta-BHC | NS | NS | NS | NS | NS | |
| Dieldrin | NS | NS | NS | NS | NS | |
| Endosulfan II | NS | NS | NS | NS | NS | |
| Endosulfan Sulfate | NS | NS | NS | NS | NS | |
| Endrin | NS | NS | NS | NS | NS | |
| Endrin Aldehyde | NS | NS | NS | NS | NS | |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS | |
| Heptachlor Epoxide | NS | NS | NS | NS | NS | |
| Kepone | NS | NS | NS | NS | NS | |
| Organophosphate Pesticides | | | | | | |
| None Detected | NS | NS | NS | NS | NS | |
| Herbicides | | | | | | |
| None Detected | NS | NS | NS | NS | NS | |
| Furans | | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS | NS | |
| TCDFs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS | NS | |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS | NS | |
| PeCDFs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS | NS | |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS | NS | |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS | NS | |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS | NS | |
| HxCDFs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS | NS | |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS | NS | |
| HpCDFs (total) | NS | NS | NS | NS | NS | |
| OCDF | NS | NS | NS | NS | NS | |
| Dioxins | | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS | NS | |
| TCDDs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS | NS | |
| PeCDDs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS | NS | |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS | NS | |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS | NS | |
| HxCDDs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS | NS | |
| HpCDDs (total) | NS | NS | NS | NS | NS | |
| OCDD | NS | NS | NS | NS | NS | |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS | NS | |

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(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4A | 4A | 4A | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | M5 | M7 | O1 | 60-1 | 60-1 |
| Sample ID: | 2S-BH000603-0-0000 | 2S-BH000750-0-0010 | 2S-BH000604-0-0000 | 2S-BH000775-0-0010 | 2S-BH000775-0-0060 |
| Sample Depth(Feet): | 0-1 | 1-6 | 0-1 | 1-6 | 6-15 |
| Date Collected: | 04/25/02 | 07/03/02 | 04/25/02 | 07/16/02 | 07/16/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | NS | 1.10 J | NS | 1.90 | 1.40 |
| Arsenic | NS | 4.60 | NS | 6.10 | 3.50 |
| Barium | NS | 50.6 | NS | 27.4 | 30.6 |
| Beryllium | NS | 0.250 J | NS | 0.180 | 0.390 |
| Cadmium | NS | ND(0.0550) | NS | 0.630 | 0.580 |
| Chromium | NS | 15.1 | NS | 11.0 | 15.0 |
| Cobalt | NS | 7.10 | NS | 7.20 | 9.40 |
| Copper | NS | 110 | NS | 118 | 47.1 |
| Cyanide | ND(0.550) | ND(0.530) | ND(0.530) | 32.7 | 4.80 |
| Lead | NS | 38.2 | NS | 188 | 20.9 |
| Mercury | NS | ND(0.0170) | NS | 0.140 | 0.0890 |
| Nickel | NS | 8.80 | NS | 14.1 | 23.5 |
| Selenium | NS | 0.280 J | NS | 0.280 | 0.530 |
| Silver | NS | ND(0.140) | NS | 0.300 | ND(0.170) |
| Sulfide | 21.1 J | ND(8.60) | R | 13.7 | ND(8.90) |
| Thallium | NS | ND(0.170) | NS | ND(0.610) | ND(0.700) |
| Tin | NS | 5.30 | NS | 42.7 | 1.90 |
| Vanadium | NS | 17.3 | NS | 10.1 | 8.60 |
| Zinc | NS | 57.3 | NS | 108 | 130 |

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(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | 60-2 | 60-3 | 60-3 | 60-5 | 60-5 |
| Sample ID: | 2S-BH000777-0-0060 | 2S-BH000776-0-0010 | 2S-BH000776-0-0060 | 2S-BH000778-0-0000 | 2S-BH000778-0-0010 |
| Sample Depth(Feet): | 6-15 | 1-6 | 6-15 | 0-1 | 1-6 |
| Date Collected: | 07/16/02 | 07/16/02 | 07/16/02 | 07/17/02 | 07/17/02 |
| Parameter | 4B | 4B | 4B | 4B | 4B |
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 1,1,1-Trichloroethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 1,1,2-Trichloroethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 1,1-Dichloroethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 1,1-Dichloroethene | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | 0.0032 J | 0.0068 | 0.036 | 1.7 | ND(0.0049) |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,2-Dibromoethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 1,2-Dichloroethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 1,2-Dichloropropane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | ND(0.0046) | 0.0019 J | 0.10 | ND(0.52) | ND(0.0049) |
| 1,4-Dichlorobenzene | ND(0.0046) | 0.0042 J | 0.18 | ND(0.52) | ND(0.0049) |
| 1,4-Dioxane | ND(0.23) | ND(0.22) | ND(0.24) | ND(26) | ND(0.25) |
| 2-Butanone | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 2-Chloro-1,3-butadiene | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 2-Chloroethylvinylether | ND(0.0046) | 0.0075 | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 2-Hexanone | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 3-Chloropropene | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| 4-Methyl-2-pentanone | ND(0.0046) | 0.0034 J | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Acetone | NS | NS | NS | 1.4 | 0.093 |
| Acrolein | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Acrylonitrile | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Benzene | ND(0.0046) | 0.0013 J | 0.014 | ND(0.52) | 0.0049 J |
| Bromodichloromethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Bromoform | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Bromomethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Carbon Disulfide | 0.033 | 0.042 | 0.19 | ND(0.52) | 0.012 |
| Carbon Tetrachloride | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Chlorobenzene | 0.0040 J | ND(0.0044) | 0.12 | ND(0.52) | ND(0.0049) |
| Chloroethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Chloroform | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Chloromethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| cis-1,2-Dichloroethene | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | 0.0031 J |
| cis-1,3-Dichloropropene | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Dibromochloromethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Dibromomethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Ethyl Methacrylate | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Ethylbenzene | ND(0.0046) | 0.0019 J | 0.11 | ND(0.52) | ND(0.0049) |
| Freon 12 | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Iodomethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Isobutanol | ND(0.23) | 0.13 J | ND(0.24) | ND(26) | ND(0.25) |
| Isopropylbenzene | NS | NS | NS | NS | NS |
| m&p-Xylene | ND(0.0046) | 0.0020 J | 0.15 | 0.11 J | ND(0.0049) |
| Methacrylonitrile | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Methyl Methacrylate | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | 0.011 |
| Methylene Chloride | 0.052 | 0.021 | 0.050 | 0.26 J | 0.0052 |
| Naphthalene | 0.0082 | 0.033 | NS | 0.92 | 0.0013 J |
| n-Butylbenzene | NS | NS | NS | NS | NS |
| n-Propylbenzene | NS | NS | NS | NS | NS |
| o-Xylene | ND(0.0046) | ND(0.0044) | 0.12 | ND(0.52) | ND(0.0049) |
| p-Isopropyltoluene | NS | NS | NS | NS | NS |
| Propionitrile | ND(0.018) | ND(0.017) | ND(0.019) | ND(2.1) | ND(0.020) |
| Styrene | ND(0.0046) | 0.0030 J | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Tetrachloroethene | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | 0.035 |
| Tetrahydrofuran | NS | NS | NS | NS | NS |
| Toluene | ND(0.0046) | 0.0031 J | 0.0028 J | 0.14 J | 0.010 |
| trans-1,2-Dichloroethene | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| trans-1,3-Dichloropropene | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Trichloroethene | ND(0.0046) | ND(0.0044) | ND(0.0047) | 2.2 | 0.034 |
| Trichlorofluoromethane | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Vinyl Acetate | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Vinyl Chloride | ND(0.0046) | ND(0.0044) | ND(0.0047) | ND(0.52) | ND(0.0049) |
| Xylenes (total) | ND(0.0046) | 0.0020 J | 0.44 | 0.12 J | ND(0.0049) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX-3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B 60-2 2S-BH000777-0-0060 6-15 07/16/02 | 4B 60-3 2S-BH000776-0-0010 1-6 07/16/02 | 4B 60-3 2S-BH000776-0-0060 6-15 07/16/02 | 4B 60-5 2S-BH000778-0-0000 0-1 07/17/02 | 4B 60-5 2S-BH000778-0-0010 1-6 07/17/02 |
|---|--|---|--|---|---|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND(0.37) | ND(4.6) | ND(7.3) | 1.0 J | ND(1.2) |
| 1,2,4-Trichlorobenzene | ND(0.37) | ND(4.6) | ND(7.3) | 12 | 0.55 J |
| 1,2-Dichlorobenzene | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 1,3-Dichlorobenzene | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 1,4-Dichlorobenzene | ND(0.37) | ND(4.6) | 0.75 J | 0.12 J | ND(1.2) |
| 2,4,5-Trichlorophenol | ND(0.93) | ND(12) | ND(18) | ND(5.8) | ND(3.1) |
| 2,4,6-Trichlorophenol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 2,4-Dichlorophenol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 2,4-Dimethylphenol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 2,4-Dinitrophenol | ND(0.93) | ND(12) | ND(18) | ND(5.8) | ND(3.1) |
| 2,4-Dinitrotoluene | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 2,6-Dinitrotoluene | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 2-Chloronaphthalene | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 2-Chlorophenol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 2-Methylnaphthalene | 0.039 J | 0.86 J | 2.2 J | 1.0 J | 1.4 |
| 2-Methylphenol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 2-Nitroaniline | ND(0.93) | ND(12) | ND(18) | ND(5.8) | ND(3.1) |
| 2-Nitrophenol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 2-Picoline | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 3,3'-Dichlorobenzidine | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 3-Nitroaniline | ND(0.93) | ND(12) | ND(18) | ND(5.8) | ND(3.1) |
| 4,6-Dinitro-2-methylphenol | ND(0.93) | ND(12) | ND(18) | ND(5.8) | ND(3.1) |
| 4-Bromophenyl-phenylether | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 4-Chloro-3-Methylphenol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 4-Chloroaniline | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 4-Chlorophenyl-phenylether | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 4-Methylphenol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 4-Nitroaniline | ND(0.93) | ND(12) | ND(18) | ND(5.8) | ND(3.1) |
| 4-Nitrophenol | ND(0.93) | ND(12) | ND(18) | ND(5.8) | ND(3.1) |
| 4-Nitroquinoline-1-oxide | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| 4-Phenylenediamine | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Acenaphthene | ND(0.37) | 0.79 J | 3.0 J | 0.21 J | ND(1.2) |
| Acenaphthylene | 0.042 J | 1.2 J | 2.5 J | 0.96 J | ND(1.2) |
| Acetophenone | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Aniline | ND(0.93) | ND(12) | ND(18) | ND(5.8) | ND(3.1) |
| Anthracene | 0.086 J | 4.0 J | 7.6 | 0.84 J | 0.092 J |
| Aramite | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Benzo(a)anthracene | 0.72 | 17 | 18 | 7.4 | 2.2 |
| Benzo(a)pyrene | 0.72 | 15 | 16 | 11 | 2.6 |
| Benzo(b)fluoranthene | 0.64 | 14 | 13 | 9.0 | 6.7 |
| Benzo(g,h,i)perylene | 0.24 J | 6.1 | 4.4 J | 8.6 | 2.7 |
| Benzo(k)fluoranthene | 0.84 | 11 | 15 | 8.4 | 2.9 |
| Benzyl Alcohol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| bis(2-Chloroethoxy)methane | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| bis(2-Chloroethyl)ether | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| bis(2-Chloroisopropyl)ether | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| bis(2-Ethylhexyl)adipate | NS | NS | NS | NS | NS |
| bis(2-Ethylhexyl)phthalate | ND(0.37) | ND(4.6) | 0.59 J | ND(2.3) | ND(1.2) |
| Butylbenzylphthalate | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Carbazole | NS | NS | NS | NS | NS |
| Chrysene | 0.86 | 18 | 20 | 8.1 | 4.6 |
| Dibenzo(a,h)anthracene | 0.099 J | 2.5 J | 1.9 J | 2.8 | 1.3 |
| Dibenzofuran | 0.018 J | 0.89 J | 2.2 J | 0.32 J | 0.36 J |
| Diethylphthalate | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Dimethylphthalate | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Di-n-Butylphthalate | 0.017 J | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Di-n-Octylphthalate | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Fluoranthene | 1.4 | 28 | 46 | 6.6 | 2.3 |
| Fluorene | 0.022 J | 2.1 J | 5.7 J | 0.50 J | 0.069 J |
| Hexachlorobenzene | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | NS(1.2) |
| Hexachlorobutadiene | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Hexachlorocyclopentadiene | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Hexachloroethane | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Indeno(1,2,3-cd)pyrene | 0.26 J | 5.7 | 4.2 J | 6.9 | 2.3 |
| Isophorone | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Naphthalene | 0.067 J | 1.4 J | 4.4 J | 1.2 J | 0.58 J |
| Nitrobenzene | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| N-Nitroso-di-n-propylamine | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | 60-2 | 60-3 | 60-3 | 60-5 | 60-5 |
| Sample ID: | 2S-BH000777-0-0060 | 2S-BH000776-0-0010 | 2S-BH000776-0-0060 | 2S-BH000778-0-0000 | 2S-BH000778-0-0010 |
| Sample Depth(Feet): | 6-15 | 1-6 | 6-15 | 0-1 | 1-6 |
| Date Collected: | 07/16/02 | 07/16/02 | 07/16/02 | 07/17/02 | 07/17/02 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Pentachlorobenzene | ND(0.37) | ND(4.6) | ND(7.3) | 0.44 J | ND(1.2) |
| Pentachlorophenol | ND(0.33) | ND(12) | ND(18) | ND(5.8) | ND(3.1) |
| Phenacetin | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Phenanthrene | 0.64 | 19 | 40 | 3.2 | 1.5 |
| Phenol | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Pyrene | 1.3 | 28 | 31 | 9.1 | 1.8 |
| Pyridine | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Safrole | ND(0.37) | ND(4.6) | ND(7.3) | ND(2.3) | ND(1.2) |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepone | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS | NS |
| TCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS | NS |
| PeCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| HxCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS | NS |
| HpCDFs (total) | NS | NS | NS | NS | NS |
| OCDF | NS | NS | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS | NS |
| TCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS | NS |
| PeCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS | NS |
| HxCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS | NS |
| HpCDDs (total) | NS | NS | NS | NS | NS |
| OCDD | NS | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | 80-2 | 60-3 | 60-3 | 60-5 | 60-5 |
| Sample ID: | 2S-BH000777-0-0060 | 2S-BH000776-0-0010 | 2S-BH000776-0-0060 | 2S-BH000778-0-0000 | 2S-BH000778-0-0010 |
| Sample Depth(Feet): | 6-15 | 1-6 | 6-15 | 0-1 | 1-6 |
| Date Collected: | 07/16/02 | 07/16/02 | 07/16/02 | 07/17/02 | 07/17/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | 1.80 | 1.80 | 2.60 | 4.30 | 2.40 |
| Arsenic | 6.50 | 4.60 | 5.10 | 5.70 | 5.10 |
| Barium | 57.1 | 53.3 | 49.5 | 77.1 | 44.0 |
| Beryllium | 0.290 | 0.260 | 0.230 | 0.200 | 0.310 |
| Cadmium | 0.520 | 0.700 | 0.630 | 1.10 | 0.720 |
| Chromium | 11.5 | 11.3 | 10.9 | 36.9 | 21.9 |
| Cobalt | 9.70 | 9.70 | 10.7 | 7.70 | 7.50 |
| Copper | 64.0 | 26.6 | 39.0 | 277 | 396 |
| Cyanide | 0.720 | 1.20 | 0.630 | 0.550 | ND(0.490) |
| Lead | 117 | 22.2 | 30.3 | 662 | 115 |
| Mercury | 0.190 | 0.330 | 0.0950 | 1.80 | 0.0840 |
| Nickel | 19.5 | 38.0 | 33.7 | 21.3 | 57.8 |
| Selenium | ND(0.270) | 0.390 | 0.740 | 1.00 | 0.310 |
| Silver | ND(0.150) | ND(0.150) | ND(0.150) | 1.50 | 0.210 |
| Sulfide | ND(8.30) | ND(7.80) | ND(7.80) | ND(8.00) | ND(7.80) |
| Thallium | ND(0.610) | ND(0.580) | ND(0.610) | ND(0.190) | ND(0.190) |
| Tin | 5.70 | 1.30 | 2.60 | 24.2 | 40.4 |
| Vanadium | 10.3 | 10.1 | 6.40 | 8.50 | 14.5 |
| Zinc | 127 | 61.7 | 56.7 | 392 | 227 |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B RAA4-4 2S-BH000309-0-0060 6-15 01/24/01 | 4B RAA4-4 2S-BH000310-0-0060 6-15 01/24/01 | 4B RAA4-17 2S-BH000316-0-0060 6-15 01/29/01 | 4B A33 2S-BH000615-0-0060 6-15 05/16/02 | 4B A35 2S-BH000619-0-0010 1-6 05/16/02 |
|---|--|--|---|---|--|
| Volatlie Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,1,1-Trichloroethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,1,2-Trichloroethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,1-Dichloroethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,1-Dichloroethene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,2,3-Trichlorobenzene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,2,4-Trichlorobenzene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,2,4-Trimethylbenzene | NS | NS | 0.0010 J | 0.27 J | 0.0010 J |
| 1,2-Dibromoethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,2-Dichloroethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,2-Dichloropropane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,3,5-Trimethylbenzene | NS | NS | 0.19 J | 0.0010 J | 0.0010 J |
| 1,3-Dichlorobenzene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 1,4-Dichlorobenzene | NS | NS | NS | 0.0030 J | ND(0.010) J |
| 1,4-Dioxane | NS | NS | NS | R | R |
| 2-Butanone | NS | NS | NS | 0.0030 J | 0.0040 J |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Acetone | NS | NS | NS | ND(0.015) J | ND(0.019) J |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | NS | NS | NS | 0.0030 J | 0.0010 J |
| Bromodichloromethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Bromoform | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Bromomethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Carbon Disulfide | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Carbon Tetrachloride | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Chlorobenzene | NS | NS | NS | 0.0030 J | ND(0.010) J |
| Chloroethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Chloroform | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Chloromethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| cis-1,2-Dichloroethene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| cis-1,3-Dichloropropene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Dibromochloromethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Dibromomethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | NS | NS | NS | 0.23 J | ND(0.010) J |
| Freon 12 | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | NS | NS | NS | 0.064 J | ND(0.010) J |
| m&p-Xylene | NS | NS | NS | 0.39 J | ND(0.010) J |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Naphthalene | NS | NS | NS | 0.62 J | 0.20 J |
| n-Butylbenzene | NS | NS | NS | 0.027 J | ND(0.010) J |
| n-Propylbenzene | NS | NS | NS | 0.045 J | ND(0.010) J |
| o-Xylene | NS | NS | NS | 0.27 J | ND(0.010) J |
| p-Isopropyltoluene | NS | NS | NS | 0.018 J | ND(0.010) J |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Tetrachloroethene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Tetrahydrofuran | NS | NS | NS | R | R |
| Toluene | NS | NS | NS | 0.081 J | ND(0.010) J |
| trans-1,2-Dichloroethene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| trans-1,3-Dichloropropene | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Trichloroethane | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Trichlorofluoromethane | NS | NS | NS | 0.0020 J | ND(0.010) J |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | NS | NS | NS | ND(0.010) J | ND(0.010) J |
| Xylenes (total) | NS | NS | NS | 0.66 J | ND(0.010) J |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | RAA4-4 | RAA4-4 | RAA4-17 | A33 | A35 |
| Sample ID: | 2S-BH000309-0-0060 | 2S-BH000310-0-0060 | 2S-BH000316-0-0060 | 2S-BH000615-0-0060 | 2S-BH000619-0-0010 |
| Sample Depth(Feet): | 6-15 | 6-15 | 6-15 | 6-15 | 1-6 |
| Date Collected: | 01/24/01 | 01/24/01 | 01/29/01 | 05/16/02 | 05/16/02 |
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND(0.38) J | ND(1.9) J | ND(0.39) | NS | NS |
| 1,2,4-Trichlorobenzene | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 1,2-Dichlorobenzene | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 1,3-Dichlorobenzene | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 1,4-Dichlorobenzene | ND(0.38) J | ND(1.9) J | 0.061 J | ND(1.8) | ND(11) |
| 2,4,5-Trichlorophenol | ND(1.9) J | ND(4.7) J | ND(0.98) | ND(4.5) | ND(28) |
| 2,4,6-Trichlorophenol | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 2,4-Dichlorophenol | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 2,4-Dimethylphenol | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 2,4-Dinitrophenol | ND(1.9) J | ND(4.7) J | ND(0.98) | ND(4.5) | ND(28) |
| 2,4-Dinitrotoluene | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 2,6-Dinitrotoluene | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 2-Chloronaphthalene | ND(0.38) J | ND(1.9) J | ND(0.39) J | ND(1.8) | ND(11) |
| 2-Chlorophenol | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 2-Methylnaphthalene | 280 J | 370 | 0.94 | 5.2 | ND(11) |
| 2-Methylphenol | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 2-Nitroaniline | ND(1.9) J | ND(4.7) J | ND(0.98) | ND(4.5) | ND(28) |
| 2-Nitrophenol | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 2-Picoline | ND(0.38) J | 0.28 J | ND(0.39) | NS | NS |
| 3,3-Dichlorobenzidine | ND(0.76) | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 3-Nitroaniline | ND(1.9) J | ND(4.7) J | ND(0.98) | ND(4.5) | ND(28) |
| 4,6-Dinitro-2-methylphenol | ND(1.9) J | ND(4.7) J | ND(0.98) | ND(4.5) | ND(28) |
| 4-Bromophenyl-phenylether | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 4-Chloro-3-Methylphenol | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 4-Chloroaniline | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 4-Chlorophenyl-phenylether | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| 4-Methylphenol | ND(0.38) J | 0.34 J | ND(0.39) | ND(1.8) | ND(11) |
| 4-Nitroaniline | ND(1.9) J | ND(4.7) J | ND(0.98) | ND(4.5) | ND(28) |
| 4-Nitrophenol | ND(1.9) J | ND(4.7) J | ND(0.98) | ND(4.5) | ND(28) |
| 4-Nitroquinoline-1-oxide | NS | ND(190) | ND(0.60) | NS | NS |
| 4-Phenylenediamine | ND(1.5) J | ND(1.9) J | ND(0.39) J | NS | NS |
| Acenaphthene | 20 J | 250 | 1.2 | ND(1.8) | ND(11) |
| Acenaphthylene | 110 J | 130 J | 0.27 J | ND(1.8) | 1.9 J |
| Acetophenone | ND(0.38) J | ND(1.9) J | ND(0.39) | NS | NS |
| Aniline | ND(0.38) J | ND(4.7) J | ND(0.98) | NS | NS |
| Anthracene | 100 J | 630 | 0.94 | ND(1.8) | 1.3 J |
| Aramite | ND(0.76) | ND(1.9) J | ND(0.39) | NS | NS |
| Benzo(a)anthracene | 79 J | 100 J | 0.70 | ND(1.8) | 5.5 J |
| Benzo(a)pyrene | 60 J | 100 J | 0.62 | ND(1.8) | 4.0 J |
| Benzo(b)fluoranthene | 46 J | 35 J | 0.26 J | ND(1.8) | 2.7 J |
| Benzo(g,h,i)perylene | 34 J | 60 J | 0.31 J | ND(1.8) | 2.5 J |
| Benzo(k)fluoranthene | 38 J | 65 J | 0.40 | ND(1.8) | 3.7 J |
| Benzyl Alcohol | ND(0.38) J | ND(1.9) J | ND(0.39) | NS | NS |
| bis(2-Chloroethoxy)methane | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| bis(2-Chloroethyl)ether | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| bis(2-Chloroisopropyl)ether | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| bis(2-Ethylhexyl)adipate | NS | NS | NS | 1.6 J | 1.7 J |
| bis(2-Ethylhexyl)phthalate | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Butylbenzylphthalate | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Carbazole | NS | NS | NS | ND(1.8) | ND(11) |
| Chrysene | 76 J | 130 J | 0.66 | ND(1.8) | 6.6 J |
| Dibenzo(a,h)anthracene | 15 J | 8.8 J | 0.072 J | ND(1.8) | ND(11) |
| Dibenzofuran | 5.8 J | 10 J | 0.092 J | ND(1.8) | ND(11) |
| Diethylphthalate | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Dimethylphthalate | NS | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Di-n-Butylphthalate | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Di-n-Octylphthalate | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Fluoranthene | 120 J | 230 | 1.5 | ND(1.8) | 9.3 J |
| Fluorene | 100 J | 170 J | 0.70 | 0.26 J | 1.3 J |
| Hexachlorobenzene | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Hexachlorobutadiene | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Hexachlorocyclopentadiene | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Hexachloroethane | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Indeno(1,2,3-cd)pyrene | 27 J | 36 J | 0.21 J | ND(1.8) | 2.0 J |
| Isophorone | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Naphthalene | 430 J | 1100 | 3.4 | 8.9 | ND(11) |
| Nitrobenzene | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| N-Nitroso-di-n-propylamine | ND(0.38) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | RAA4-4 | RAA4-4 | RAA4-17 | A33 | A35 |
| Sample ID: | 2S-BH000309-0-0060 | 2S-BH000310-0-0060 | 2S-BH000316-0-0060 | 2S-BH000615-0-0060 | 2S-BH000619-0-0010 |
| Sample Depth(Feet): | 6-15 | 6-15 | 6-15 | 6-15 | 1-6 |
| Date Collected: | 01/24/01 | 01/24/01 | 01/29/01 | 05/16/02 | 05/16/02 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(0.35) J | ND(1.9) J | ND(0.39) | ND(1.8) | ND(11) |
| Pentachlorobenzene | ND(0.38) J | ND(1.9) J | ND(0.39) | NS | NS |
| Pentachlorophenol | ND(1.9) J | ND(4.7) J | ND(0.98) | ND(4.5) | ND(28) |
| Phenacetin | ND(0.75) | ND(1.9) J | ND(0.39) | NS | NS |
| Phenanthrene | 360 J | 690 | 3.6 | 0.32 J | 12 |
| Phenol | ND(0.38) J | 0.51 J | ND(0.39) | ND(1.8) | ND(11) |
| Pyrene | 250 J | 420 | 1.7 | ND(1.3) | 16 |
| Pyridine | 0.30 J | 0.22 J | ND(0.39) | NS | NS |
| Safrole | ND(0.38) J | ND(1.9) J | ND(0.39) | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | ND(0.19) | ND(0.039) J | ND(0.020) | NS | NS |
| 4,4'-DDE | ND(0.19) | 0.10 J | ND(0.020) | NS | NS |
| 4,4'-DDT | ND(0.15) | 0.062 J | ND(0.020) | NS | NS |
| Delta-BHC | ND(0.096) | ND(0.019) J | ND(0.010) | NS | NS |
| Dieldrin | ND(0.19) | ND(0.039) J | ND(0.020) | NS | NS |
| Endosulfan II | ND(0.19) | 0.17 J | ND(0.020) | NS | NS |
| Endosulfan Sulfate | ND(0.19) | 0.18 J | ND(0.020) | NS | NS |
| Endrin | ND(0.19) | ND(0.039) J | ND(0.020) | NS | NS |
| Endrin Aldehyde | ND(0.19) | 0.12 J | ND(0.020) | NS | NS |
| Gamma-BHC (Lindane) | ND(0.096) | 0.024 J | ND(0.010) | NS | NS |
| Heptachlor Epoxide | ND(0.096) | 0.024 J | ND(0.010) | NS | NS |
| Kepone | NS | R | R | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | 0.000051 | ND(0.000017) | ND(0.00000078) | NS | NS |
| TCDFs (total) | 0.000038 J | ND(0.000017) | ND(0.00000078) | NS | NS |
| 1,2,3,7,8-PeCDF | 0.000018 J | 0.000012 J | ND(0.00000070) | NS | NS |
| 2,3,4,7,8-PeCDF | 0.000029 J | ND(0.000010) | ND(0.0000013) | NS | NS |
| PeCDFs (total) | 0.000032 J | 0.000012 J | 0.00000050 J | NS | NS |
| 1,2,3,4,7,8-HxCDF | 0.000019 J | 0.000011 J | 0.00000044 J | NS | NS |
| 1,2,3,6,7,8-HxCDF | 0.000014 J | 0.000010 J | ND(0.0000013) | NS | NS |
| 1,2,3,7,8,9-HxCDF | ND(0.0000062) | ND(0.0000098) | 0.0000011 J | NS | NS |
| 2,3,4,6,7,8-HxCDF | 0.000021 J | ND(0.0000089) | 0.0000011 J | NS | NS |
| HxCDFs (total) | 0.000025 J | 0.000047 J | 0.000013 J | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | 0.000044 J | 0.000062 J | ND(0.0000040) | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | ND(0.0000048) | ND(0.000011) | 0.0000027 J | NS | NS |
| HpCDFs (total) | 0.000083 J | 0.000062 J | 0.000013 J | NS | NS |
| OCDF | 0.000033 J | 0.000067 J | 0.000015 J | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | ND(0.000012) | ND(0.000016) | ND(0.0000014) | NS | NS |
| TCDDs (total) | ND(0.000012) | ND(0.000016) | ND(0.0000014) | NS | NS |
| 1,2,3,7,8-PeCDD | ND(0.0000033) | ND(0.0000096) | ND(0.0000010) | NS | NS |
| PeCDDs (total) | 0.000011 J | ND(0.0000057) | ND(0.0000047) | NS | NS |
| 1,2,3,4,7,8-HxCDD | ND(0.0000046) | ND(0.000016) | ND(0.0000010) | NS | NS |
| 1,2,3,6,7,8-HxCDD | 0.0000077 J | ND(0.000017) | ND(0.0000011) | NS | NS |
| 1,2,3,7,8,9-HxCDD | ND(0.0000043) | ND(0.000015) | ND(0.0000096) | NS | NS |
| HxCDDs (total) | 0.000031 J | 0.000015 J | ND(0.0000052) | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | 0.000048 J | 0.000079 J | ND(0.0000046) | NS | NS |
| HpCDDs (total) | 0.00011 J | 0.000079 J | 0.000010 J | NS | NS |
| OCDD | ND(0.000022) | 0.000044 J | ND(0.0000037) | NS | NS |
| Total TEQs (WHO TEFs) | 0.000036 | 0.000024 | 0.0000025 | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | RAA4-4 | RAA4-4 | RAA4-17 | A33 | A35 |
| Sample ID: | 2S-BH000309-0-0060 | 2S-BH000310-0-0060 | 2S-BH000316-0-0060 | 2S-BH000615-0-0060 | 2S-BH000619-0-0010 |
| Sample Depth(Feet): | 6-15 | 6-15 | 6-15 | 6-15 | 1-6 |
| Date Collected: | 01/24/01 | 01/24/01 | 01/29/01 | 05/16/02 | 05/16/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | ND(0.670) J | 0.420 J | 0.660 J | NS | NS |
| Arsenic | 4.90 | 7.90 J | 5.30 J | NS | NS |
| Barium | 25.8 | 25.9 | 50.7 | NS | NS |
| Beryllium | 0.210 | 0.240 J | 0.440 J | NS | NS |
| Cadmium | 0.200 | 0.830 J | 0.900 J | NS | NS |
| Chromium | 8.80 | 9.40 J | 14.3 J | NS | NS |
| Cobalt | 9.60 | 12.3 J | 14.3 J | NS | NS |
| Copper | 29.1 J | 25.8 J | 18.0 J | NS | NS |
| Cyanide | ND(0.480) | 6.50 J | ND(0.520) | 0.850 J | ND(0.480) J |
| Lead | 24.1 | 20.1 J | 9.80 J | NS | NS |
| Mercury | 0.0900 | 0.290 J | ND(0.0200) J | NS | NS |
| Nickel | 17.1 | 19.2 J | 20.8 J | NS | NS |
| Selenium | ND(0.160) | ND(0.260) | ND(0.260) | NS | NS |
| Silver | ND(0.0100) J | ND(0.230) | ND(0.280) | NS | NS |
| Sulfide | 30.3 | ND(8.60) | ND(9.50) | R | R |
| Thallium | 0.210 J | ND(2.10) J | ND(2.10) J | NS | NS |
| Tin | ND(2.10) | ND(1.10) | ND(0.710) | NS | NS |
| Vanadium | 10.4 | 11.0 | 17.5 | NS | NS |
| Zinc | 59.2 J | 62.6 | 79.6 | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | A37 | B29 | B34 | B35 | C27 |
| Sample ID: | 2S-BH000611-0-0080 | 2S-BH000664-0-0060 | 2S-BH000616-0-0060 | 2S-BH000612-0-0080 | 2S-BH000586-0-0000 |
| Sample Depth(Feet): | 6-15 | 6-15 | 6-15 | 6-15 | 0-1 |
| Date Collected: | 05/15/02 | 05/20/02 | 05/16/02 | 05/15/02 | 04/22/02 |
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 1,1,1-Trichloroethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 1,1,2-Trichloroethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 1,1-Dichloroethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 1,2,3-Trichlorobenzene | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 1,2,4-Trichlorobenzene | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 1,2,4-Trimethylbenzene | 0.29 J | ND(0.012) J | 0.26 J | 0.077 J | NS |
| 1,2-Dibromoethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 1,2-Dichloroethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 1,2-Dichloropropane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 1,3,5-Trimethylbenzene | 0.23 J | ND(0.012) J | 0.20 J | 0.0060 J | NS |
| 1,3-Dichlorobenzene | ND(0.010) J | ND(0.012) J | ND(0.010) J | 0.0010 J | NS |
| 1,4-Dichlorobenzene | ND(0.010) J | ND(0.012) J | 0.015 J | 0.0040 J | NS |
| 1,4-Dioxane | R | R | R | R | NS |
| 2-Butanone | 0.0050 J | ND(0.012) J | ND(0.010) J | 0.0020 J | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Acetone | 0.026 J | ND(0.0060) J | ND(0.010) J | ND(0.011) J | NS |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | 0.016 J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Bromodichloromethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Bromoform | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Bromomethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Carbon Disulfide | ND(0.010) J | ND(0.012) J | ND(0.010) J | 0.0020 J | NS |
| Carbon Tetrachloride | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Chlorobenzene | 0.0030 J | ND(0.012) J | 0.14 J | 0.017 J | NS |
| Chloroethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Chloroform | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Chloromethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| cis-1,2-Dichloroethene | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| cis-1,3-Dichloropropene | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Dibromochloromethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Dibromomethane | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | 0.35 J | ND(0.012) J | 0.16 J | 0.026 J | NS |
| Freon 12 | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | 0.11 J | ND(0.012) J | 0.052 J | 0.012 J | NS |
| m&p-Xylene | 0.74 J | ND(0.012) J | 0.29 J | 0.0090 J | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | ND(0.016) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | NS |
| Naphthalene | 0.75 J | ND(0.013) J | 0.58 J | 0.46 J | NS |
| n-Butylbenzene | ND(0.010) J | ND(0.012) J | ND(0.010) J | 0.0040 J | NS |
| n-Propylbenzene | 0.068 J | ND(0.012) J | 0.075 J | 0.0070 J | NS |
| o-Xylene | 0.58 J | ND(0.012) J | 0.18 J | 0.0090 J | NS |
| p-Isopropyltoluene | 0.027 J | ND(0.012) J | 0.019 J | 0.0050 J | NS |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | ND(0.010) J | ND(0.012) J | 0.078 J | ND(0.010) J | NS |
| Tetrachloroethene | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Tetrahydrofuran | R | R | R | R | NS |
| Toluene | 0.21 J | ND(0.012) J | 0.0050 J | 0.0020 J | NS |
| trans-1,2-Dichloroethene | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| trans-1,3-Dichloropropene | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Trichloroethene | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Trichlorofluoromethane | 0.0090 J | 0.0090 J | 0.0010 J | 0.014 J | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | ND(0.010) J | ND(0.012) J | ND(0.010) J | ND(0.010) J | NS |
| Xylenes (total) | 1.3 J | ND(0.012) J | 0.47 J | 0.018 J | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B A37 2S-BH000611-0-0060 6-15 05/15/02 | 4B B29 2S-BH000664-0-0060 6-15 05/20/02 | 4B B34 2S-BH000816-0-0060 6-15 05/16/02 | 4B B35 2S-BH000612-0-0060 6-15 05/15/02 | 4B C27 2S-BH000586-0-0000 0-1 04/22/02 |
|---|---|---|---|---|--|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 1,2-Dichlorobenzene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 1,3-Dichlorobenzene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 1,4-Dichlorobenzene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2,4,5-Trichlorophenol | ND(280) J | ND(0.93) | ND(4.5) | ND(5.0) | ND(9.5) |
| 2,4,6-Trichlorophenol | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2,4-Dichlorophenol | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2,4-Dimethylphenol | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2,4-Dinitrophenol | ND(280) J | ND(0.93) | ND(4.5) | ND(5.0) | ND(9.5) |
| 2,4-Dinitrotoluene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2,6-Dinitrotoluene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2-Chloronaphthalene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2-Chlorophenol | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2-Methylnaphthalene | 200 J | ND(0.37) | 41 J | 0.29 J | ND(3.8) |
| 2-Methylphenol | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2-Nitroaniline | ND(280) J | ND(0.93) | ND(4.5) | ND(5.0) | ND(9.5) |
| 2-Nitrophenol | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 3-Nitroaniline | ND(280) J | ND(0.93) | ND(4.5) | ND(5.0) | ND(9.5) |
| 4,6-Dinitro-2-methylphenol | ND(280) J | ND(0.93) | ND(4.5) | ND(5.0) | ND(9.5) |
| 4-Bromophenyl-phenylether | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 4-Chloro-3-Methylphenol | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 4-Chloroaniline | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 4-Chlorophenyl-phenylether | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 4-Methylphenol | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| 4-Nitroaniline | ND(280) J | ND(0.93) | ND(4.5) | ND(5.0) | ND(9.5) |
| 4-Nitrophenol | ND(280) J | ND(0.93) | ND(4.5) | ND(5.0) | ND(9.5) |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | 34 J | ND(0.37) | 0.26 J | 0.46 J | ND(3.8) |
| Acenaphthylene | 92 J | ND(0.37) | ND(1.8) | ND(2.0) | 0.88 J |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | 270 J | ND(0.37) | ND(1.8) | ND(2.0) | 0.47 J |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | 80 J | ND(0.37) | ND(1.8) | ND(2.0) | 2.9 J |
| Benzo(a)pyrene | 63 J | ND(0.37) | ND(1.8) | ND(2.0) | 2.5 J |
| Benzo(b)fluoranthene | 24 J | ND(0.37) | ND(1.8) | ND(2.0) | 1.8 J |
| Benzo(g,h,i)perylene | 22 J | ND(0.37) | ND(1.8) | ND(2.0) | 1.1 J |
| Benzo(k)fluoranthene | 48 J | ND(0.37) | ND(1.8) | ND(2.0) | 2.5 J |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| bis(2-Chloroethyl)ether | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| bis(2-Chloroisopropyl)ether | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| bis(2-Ethylhexyl)adipate | ND(110) J | 0.69 | 2.1 | 1.9 J | 2.6 J |
| bis(2-Ethylhexyl)phthalate | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Butylbenzylphthalate | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Carbazole | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Chrysene | 78 J | ND(0.37) | ND(1.8) | ND(2.0) | 3.6 J |
| Dibenzo(a,h)anthracene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | 0.66 J |
| Dibenzofuran | ND(110) J | ND(0.37) | 0.27 J | 0.42 J | ND(3.8) |
| Diethylphthalate | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Dimethylphthalate | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Di-n-Butylphthalate | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Di-n-Octylphthalate | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Fluoranthene | 130 J | ND(0.37) | ND(1.8) | 0.25 J | 0.62 J |
| Fluorene | 96 J | ND(0.37) | 0.45 J | 2.1 | ND(3.8) |
| Hexachlorobenzene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Hexachlorobutadiene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Hexachlorocyclopentadiene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Hexachloroethane | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Indeno(1,2,3-cd)pyrene | 21 J | ND(0.37) | ND(1.8) | ND(2.0) | 1.4 J |
| Isophorone | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| Naphthalene | 340 J | ND(0.37) | 400 | 1.2 J | ND(3.8) |
| Nitrobenzene | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |
| N-Nitroso-di-n-propylamine | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B | |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|----------|
| Location ID: | A37 | B29 | B34 | B35 | C27 | |
| Sample ID: | 2S-BH000611-0-0060 | 2S-BH000664-0-0060 | 2S-BH000616-0-0060 | 2S-BH000612-0-0060 | 2S-BH000586-0-0000 | |
| Sample Depth(Feet): | 6-15 | 6-15 | 6-15 | 6-15 | 0-1 | |
| Parameter | Date Collected: | 05/15/02 | 05/20/02 | 05/16/02 | 05/15/02 | 04/22/02 |
| Semivolatile Organics (continued) | | | | | | |
| N-Nitrosodiphenylamine | ND(110) J | ND(0.37) | ND(1.9) | ND(2.0) | ND(3.8) | |
| Pentachlorobenzene | NS | NS | NS | NS | NS | |
| Pentachlorophenol | ND(280) J | ND(0.93) | ND(4.5) | ND(6.0) | ND(9.5) | |
| Phenacetin | NS | NS | NS | NS | NS | |
| Phenanthrene | 300 J | ND(0.37) | 0.60 J | 1.1 J | 4.2 | |
| Phenol | ND(110) J | ND(0.37) | ND(1.8) | ND(2.0) | ND(3.8) | |
| Pyrene | 230 J | ND(0.37) | ND(1.8) | 0.36 J | 7.2 | |
| Pyridine | NS | NS | NS | NS | NS | |
| Safrole | NS | NS | NS | NS | NS | |
| Organochlorine Pesticides | | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS | |
| 4,4'-DDE | NS | NS | NS | NS | NS | |
| 4,4'-DDT | NS | NS | NS | NS | NS | |
| Delta-BHC | NS | NS | NS | NS | NS | |
| Dieldrin | NS | NS | NS | NS | NS | |
| Endosulfan II | NS | NS | NS | NS | NS | |
| Endosulfan Sulfate | NS | NS | NS | NS | NS | |
| Endrin | NS | NS | NS | NS | NS | |
| Endrin Aldehyde | NS | NS | NS | NS | NS | |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS | |
| Heptachlor Epoxide | NS | NS | NS | NS | NS | |
| Kepone | NS | NS | NS | NS | NS | |
| Organophosphate Pesticides | | | | | | |
| None Detected | NS | NS | NS | NS | NS | |
| Herbicides | | | | | | |
| None Detected | NS | NS | NS | NS | NS | |
| Furans | | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS | NS | |
| TCDFs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS | NS | |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS | NS | |
| PeCDFs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS | NS | |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS | NS | |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS | NS | |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS | NS | |
| HxCDFs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS | NS | |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS | NS | |
| HpCDFs (total) | NS | NS | NS | NS | NS | |
| OCDF | NS | NS | NS | NS | NS | |
| Dioxins | | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS | NS | |
| TCDDs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS | NS | |
| PeCDDs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS | NS | |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS | NS | |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS | NS | |
| HxCDDs (total) | NS | NS | NS | NS | NS | |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS | NS | |
| HpCDDs (total) | NS | NS | NS | NS | NS | |
| OCDD | NS | NS | NS | NS | NS | |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS | NS | |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B | |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------|
| Location ID: | A37 | B29 | B34 | B35 | C27 | |
| Sample ID: | 2S-BH000611-0-0060 | 2S-BH000664-0-0060 | 2S-BH000616-0-0060 | 2S-BH000612-0-0060 | 2S-BH000586-0-0000 | |
| Sample Depth(Feet): | 6-15 | 6-15 | 6-15 | 6-15 | 0-1 | |
| Parameter | Date Collected: | 05/15/02 | 05/20/02 | 05/16/02 | 05/15/02 | 04/22/02 |
| Inorganics | | | | | | |
| Antimony | | NS | NS | NS | NS | NS |
| Arsenic | | NS | NS | NS | NS | NS |
| Barium | | NS | NS | NS | NS | NS |
| Beryllium | | NS | NS | NS | NS | NS |
| Cadmium | | NS | NS | NS | NS | NS |
| Chromium | | NS | NS | NS | NS | NS |
| Cobalt | | NS | NS | NS | NS | NS |
| Copper | | NS | NS | NS | NS | NS |
| Cyanide | | 3.60 J | ND(0.570) J | ND(0.500) J | ND(0.550) J | 1.90 |
| Lead | | NS | NS | NS | NS | NS |
| Mercury | | NS | NS | NS | NS | NS |
| Nickel | | NS | NS | NS | NS | NS |
| Selenium | | NS | NS | NS | NS | NS |
| Silver | | NS | NS | NS | NS | NS |
| Sulfide | | R | R | R | R | ND(8.30) J |
| Thallium | | NS | NS | NS | NS | NS |
| Tin | | NS | NS | NS | NS | NS |
| Vanadium | | NS | NS | NS | NS | NS |
| Zinc | | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B |
|---------------------------|--------------------|--------------------|----------------------------|--------------------|
| Location ID: | C29 | C29 | C31 | C31 |
| Sample ID: | 2S-BH000665-0-0010 | 2S-BH000665-0-0060 | 2S-BH000663-0-0010 | 2S-BH000663-0-0060 |
| Sample Depth(Feet): | 1-6 | 6-15 | 1-6 | 6-15 |
| Parameter | Date Collected: | 05/21/02 | 05/21/02 | 05/20/02 |
| Volatiles Organics | | | | |
| 1,1,1,2-Tetrachloroethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,1,1-Trichloroethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,1,2-Trichloroethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,1-Dichloroethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,1-Dichloroethene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,2,3-Trichlorobenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,2,4-Trichlorobenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,2,4-Trimethylbenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,2-Dibromoethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,2-Dichloroethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,2-Dichloropropane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,3,5-Trimethylbenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,3-Dichlorobenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,4-Dichlorobenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 1,4-Dioxane | R | R | R | R |
| 2-Butanone | ND(0.010) J | ND(0.017) J | ND(0.010) J [0.0020 J] | ND(0.010) J |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS |
| 2-Hexanone | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| 3-Chloropropene | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Acetone | ND(0.011) J | ND(0.031) J | ND(0.010) J [ND(0.0090) J] | ND(0.010) J |
| Acrolein | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS |
| Benzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Bromodichloromethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Bromoform | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Bromomethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Carbon Disulfide | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | 0.0020 J |
| Carbon Tetrachloride | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Chlorobenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Chloroethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Chloroform | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Chloromethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| cis-1,2-Dichloroethene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| cis-1,3-Dichloropropene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Dibromochloromethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Dibromomethane | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Ethyl Methacrylate | NS | NS | NS | NS |
| Ethylbenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Freon 12 | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Iodomethane | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS |
| Isopropylbenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| m&p-Xylene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Methacrylonitrile | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS |
| Methylene Chloride | ND(0.011) J | ND(0.035) J | ND(0.010) J [ND(0.0070) J] | ND(0.010) J |
| Naphthalene | ND(0.011) J | ND(0.031) J | 0.061 J [ND(0.025) J] | R |
| n-Butylbenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| n-Propylbenzene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| o-Xylene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| p-Isopropyltoluene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Propionitrile | NS | NS | NS | NS |
| Styrene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Tetrachloroethene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Tetrahydrofuran | R | R | R | R |
| Toluene | ND(0.010) J | ND(0.017) J | 0.0010 J [0.0010 J] | ND(0.0010) J |
| trans-1,2-Dichloroethene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| trans-1,3-Dichloropropene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Trichloroethene | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Trichlorofluoromethane | 0.0040 J | 0.013 J | 0.0030 J [0.0070 J] | 0.0050 J |
| Vinyl Acetate | NS | NS | NS | NS |
| Vinyl Chloride | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |
| Xylenes (total) | ND(0.010) J | ND(0.017) J | ND(0.010) J [ND(0.011) J] | ND(0.010) J |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B |
|------------------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | C29 | C29 | C31 | C31 |
| Sample ID: | 2S-BH000665-0-0010 | 2S-BH000665-0-0060 | 2S-BH000663-0-0010 | 2S-BH000663-0-0060 |
| Sample Depth(Feet): | 1-6 | 6-15 | 1-6 | 6-15 |
| Parameter | Date Collected: | 05/21/02 | 05/21/02 | 05/20/02 |
| Semivolatile Organics | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 1,2-Dichlorobenzene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 1,3-Dichlorobenzene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 1,4-Dichlorobenzene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2,4,5-Trichlorophenol | ND(280) | ND(29) | ND(9.4) [ND(9.3)] | ND(0.88) |
| 2,4,6-Trichlorophenol | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2,4-Dichlorophenol | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2,4-Dimethylphenol | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2,4-Dinitrophenol | ND(280) | ND(29) | ND(9.4) [ND(9.3)] | ND(0.88) |
| 2,4-Dinitrotoluene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2,6-Dinitrotoluene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2-Chloronaphthalene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2-Chlorophenol | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2-Methylnaphthalene | ND(110) | ND(12) | 0.46 J [0.61 J] | 0.11 J |
| 2-Methylphenol | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2-Nitroaniline | ND(280) | ND(29) | ND(9.4) [ND(9.3)] | ND(0.88) |
| 2-Nitrophenol | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 2-Picoline | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 3-Nitroaniline | ND(280) | ND(29) | ND(9.4) [ND(9.3)] | ND(0.88) |
| 4,6-Dinitro-2-methylphenol | ND(280) | ND(29) | ND(9.4) [ND(9.3)] | ND(0.88) |
| 4-Bromophenyl-phenylether | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 4-Chloro-3-Methylphenol | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 4-Chloroaniline | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 4-Chlorophenyl-phenylether | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 4-Methylphenol | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| 4-Nitroaniline | ND(280) | ND(29) | ND(9.4) [ND(9.3)] | ND(0.88) |
| 4-Nitrophenol | ND(280) | ND(29) | ND(9.4) [ND(9.3)] | ND(0.88) |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS |
| Acenaphthene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Acenaphthylene | ND(110) | 1.5 J | 0.62 J [0.73 J] | ND(0.35) |
| Acetophenone | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS |
| Anthracene | ND(110) | 1.9 J | 0.70 J [0.57 J] | ND(0.35) |
| Aramite | NS | NS | NS | NS |
| Benzo(a)anthracene | 14 J | 6.0 J | 2.5 J [2.1 J] | 0.071 J |
| Benzo(a)pyrene | 18 J | 6.5 J | 2.7 J [2.2 J] | 0.074 J |
| Benzo(b)fluoranthene | 19 J | 4.9 J | 1.9 J [1.6 J] | 0.064 J |
| Benzo(g,h,i)perylene | 14 J | 5.4 J | 3.0 J [2.9 J] | 0.089 J |
| Benzo(k)fluoranthene | 16 J | 4.6 J | 2.0 J [2.2 J] | 0.066 J |
| Benzyl Alcohol | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| bis(2-Chloroethyl)ether | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| bis(2-Chloroisopropyl)ether | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| bis(2-Ethylhexyl)adipate | ND(110) J | 12 | 1.5 J [1.3 J] | 0.89 |
| bis(2-Ethylhexyl)phthalate | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Butylbenzylphthalate | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Carbazole | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Chrysene | 19 J | 6.8 J | 2.7 J [2.6 J] | 0.079 J |
| Dibenzo(a,h)anthracene | ND(110) | 2.2 J | 0.95 J [0.76 J] | ND(0.35) |
| Dibenzofuran | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Diethylphthalate | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Dimethylphthalate | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Di-n-Butylphthalate | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Di-n-Octylphthalate | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Fluoranthene | 18 J | 8.2 J | 3.0 J [2.5 J] | 0.093 J |
| Fluorene | ND(110) | 1.6 J | 0.49 J [0.44 J] | ND(0.35) |
| Hexachlorobenzene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Hexachlorobutadiene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Hexachlorocyclopentadiene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Hexachloroethane | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Indeno(1,2,3-cd)pyrene | 13 J | 4.5 J | 2.2 J [2.2 J] | 0.066 J |
| Isophorone | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Naphthalene | ND(110) | ND(12) | 0.67 J [0.73 J] | 4.4 |
| Nitrobenzene | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| N-Nitroso-di-n-propylamine | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B |
|--|--------------------|--------------------|--------------------|--------------------|
| Location ID: | C29 | C29 | C31 | C31 |
| Sample ID: | 2S-BH000665-0-0010 | 2S-BH000665-0-0060 | 2S-BH000663-0-0010 | 2S-BH000663-0-0060 |
| Sample Depth(Feet): | 1-6 | 6-15 | 1-6 | 6-15 |
| Parameter | Date Collected: | 05/21/02 | 05/21/02 | 05/20/02 |
| Semivolatile Organics (continued) | | | | |
| N-Nitrosodiphenylamine | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Pentachlorobenzene | NS | NS | NS | NS |
| Pentachlorophenol | ND(280) | ND(29) | ND(9.4) [ND(9.3)] | ND(0.85) |
| Phenacetin | NS | NS | NS | NS |
| Phenanthrene | ND(110) | 8.3 J | 2.8 J [2.5 J] | 0.070 J |
| Phenol | ND(110) | ND(12) | ND(3.7) [ND(3.7)] | ND(0.35) |
| Pyrene | 31 J | 14 | 4.7 [5.1] | 0.16 J |
| Pyridine | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | |
| 4,4'-DDO | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS |
| Kepone | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | |
| None Detected | NS | NS | NS | NS |
| Herbicides | | | | |
| None Detected | NS | NS | NS | NS |
| Furans | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS |
| TCDFs (total) | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS |
| PeCDFs (total) | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS |
| HxCDFs (total) | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS |
| HpCDFs (total) | NS | NS | NS | NS |
| OCDF | NS | NS | NS | NS |
| Dioxins | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS |
| TCDDs (total) | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS |
| PeCDDs (total) | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS |
| HxCDDs (total) | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS |
| HpCDDs (total) | NS | NS | NS | NS |
| OCDD | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | C29 | C29 | C31 | C31 |
| Sample ID: | 2S-BH000665-0-0010 | 2S-BH000665-0-0060 | 2S-BH000663-0-0010 | 2S-BH000663-0-0060 |
| Sample Depth(Feet): | 1-6 | 6-15 | 1-6 | 6-15 |
| Parameter | Date Collected: | 05/21/02 | 05/21/02 | 05/20/02 |
| Inorganics | | | | |
| Antimony | NS | NS | NS | NS |
| Arsenic | NS | NS | NS | NS |
| Barium | NS | NS | NS | NS |
| Beryllium | NS | NS | NS | NS |
| Cadmium | NS | NS | NS | NS |
| Chromium | NS | NS | NS | NS |
| Cobalt | NS | NS | NS | NS |
| Copper | NS | NS | NS | NS |
| Cyanide | 5.50 | 4.00 | 12.5 J [11.7 J] | ND(0.510) J |
| Lead | NS | NS | NS | NS |
| Mercury | NS | NS | NS | NS |
| Nickel | NS | NS | NS | NS |
| Selenium | NS | NS | NS | NS |
| Silver | NS | NS | NS | NS |
| Sulfide | ND(8.00) | ND(9.10) | R | R |
| Thallium | NS | NS | NS | NS |
| Tin | NS | NS | NS | NS |
| Vanadium | NS | NS | NS | NS |
| Zinc | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | C33 | C33 | C34 | C34 | C35 |
| Sample ID: | 2S-BH000881-0-0010 | 2S-BH000661-0-0060 | 2S-BH000624-0-0010 | 2S-BH000624-0-0060 | 2S-BH000626-0-0010 |
| Sample Depth(Feet): | 1-6 | 6-15 | 1-6 | 6-15 | 1-6 |
| Parameter | Date Collected: | 05/20/02 | 05/20/02 | 05/17/02 | 05/17/02 |
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,1,1-Trichloroethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,1,2-Trichloroethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,1-Dichloroethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,1-Dichloroethene | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2,3-Trichlorobenzene | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2,4-Trichlorobenzene | 0.0010 J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2,4-Trimethylbenzene | 0.17 J | 0.073 J | 0.019 J | 0.097 J | ND(0.010) J |
| 1,2-Dibromoethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2-Dichloroethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2-Dichloropropane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,3,5-Trimethylbenzene | 0.056 J | 0.022 J | 0.0060 J | 0.045 J | 0.0010 J |
| 1,3-Dichlorobenzene | 0.0020 J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,4-Dichlorobenzene | 0.0060 J | 0.0020 J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,4-Dioxane | R | R | R | R | R |
| 2-Butanone | 0.0070 J | 0.0040 J | ND(0.010) J | 0.0050 J | 0.0030 J |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Acetone | 0.033 J | ND(0.018) J | ND(0.014) J | 0.026 J | ND(0.019) J |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | 0.0020 J | 0.0050 J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Bromodichloromethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Bromoform | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Bromomethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Carbon Disulfide | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Carbon Tetrachloride | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Chlorobenzene | 0.0070 J | 0.042 J | ND(0.010) J | 0.013 J | 0.0090 J |
| Chloroethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Chloroform | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Chloromethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| cis-1,2-Dichloroethene | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| cis-1,3-Dichloropropene | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Dibromochloromethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Dibromomethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | 0.093 J | 0.041 J | 0.0020 J | 0.043 J | 0.0090 J |
| Freon 12 | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | 0.011 J | 0.0030 J | ND(0.010) J | 0.011 J | ND(0.010) J |
| m&p-Xylene | 0.024 J | 0.015 J | 0.0020 J | 0.011 J | ND(0.010) J |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Naphthalene | 0.19 J | 0.18 J | 0.53 J | 0.47 J | ND(0.010) J |
| n-Butylbenzene | 0.011 J | 0.0030 J | ND(0.010) J | 0.0040 J | ND(0.010) J |
| n-Propylbenzene | 0.0060 J | 0.0030 J | ND(0.010) J | 0.0080 J | ND(0.010) J |
| o-Xylene | 0.062 J | 0.027 J | 0.0050 J | 0.048 J | ND(0.010) J |
| p-Isopropyltoluene | 0.0060 J | 0.0010 J | ND(0.010) J | 0.0030 J | ND(0.010) J |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | 0.071 J | 0.026 J | 0.0030 J | ND(0.010) J | ND(0.010) J |
| Tetrachloroethane | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Tetrahydrofuran | R | R | R | R | R |
| Toluene | 0.012 J | 0.0090 J | 0.0010 J | 0.0010 J | ND(0.010) J |
| trans-1,2-Dichloroethene | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| trans-1,3-Dichloropropene | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Trichloroethene | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Trichlorofluoromethane | 0.0050 J | 0.0020 J | ND(0.010) J | 0.0010 J | 0.0020 J |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Xylenes (total) | 0.068 J | 0.042 J | 0.0070 J | 0.059 J | ND(0.010) J |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | C33 | C33 | C34 | C34 | C35 |
| Sample ID: | 2S-BH000661-0-0010 | 2S-BH000661-0-0060 | 2S-BH000624-0-0010 | 2S-BH000624-0-0060 | 2S-BH000626-0-0010 |
| Sample Depth(Feet): | 1-6 | 6-15 | 1-6 | 6-15 | 1-6 |
| Parameter | Date Collected: | 05/20/02 | 05/20/02 | 05/17/02 | 05/17/02 |
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 1,2-Dichlorobenzene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 1,3-Dichlorobenzene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 1,4-Dichlorobenzene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2,4,5-Trichlorophenol | ND(28) | ND(8.8) | ND(9.3) | ND(1.8) | ND(28) |
| 2,4,6-Trichlorophenol | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2,4-Dichlorophenol | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2,4-Dimethylphenol | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2,4-Dinitrophenol | ND(28) | ND(8.8) | ND(9.3) | ND(1.8) | ND(28) |
| 2,4-Dinitrotoluene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2,6-Dinitrotoluene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2-Chloronaphthalene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2-Chlorophenol | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2-Methylnaphthalene | 10 J | 4.7 | 43 J | 0.58 J | ND(11) |
| 2-Methylphenol | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2-Nitroaniline | ND(28) | ND(8.8) | ND(9.3) | ND(1.8) | ND(28) |
| 2-Nitrophenol | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 3-Nitroaniline | ND(28) | ND(8.8) | ND(9.3) | ND(1.8) | ND(28) |
| 4,6-Dinitro-2-methylphenol | ND(28) | ND(8.8) | ND(9.3) | ND(1.8) | ND(28) |
| 4-Bromophenyl-phenylether | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 4-Chloro-3-Methylphenol | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 4-Chloroaniline | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 4-Chlorophenyl-phenylether | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 4-Methylphenol | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| 4-Nitroaniline | ND(28) | ND(8.8) | ND(9.3) | ND(1.8) | ND(28) |
| 4-Nitrophenol | ND(28) | ND(8.8) | ND(9.3) | ND(1.8) | ND(28) |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | ND(11) | ND(3.5) J | 0.78 J | ND(0.74) | ND(11) |
| Acenaphthylene | 2.1 J | 0.84 J | 2.2 J | 0.11 J | ND(11) |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | 4.1 J | 1.2 J | 2.7 J | 0.10 J | ND(11) |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | 7.1 J | 2.9 J | 3.9 | 0.24 J | 2.8 J |
| Benzo(a)pyrene | 7.3 J | 2.8 J | 3.6 J | 0.23 J | 2.5 J |
| Benzo(b)fluoranthene | 5.9 J | 1.8 J | 2.8 J | 0.19 J | 2.4 J |
| Benzo(g,h,i)perylene | 5.2 J | 1.9 J | 2.2 J | 0.17 J | 2.2 J |
| Benzo(k)fluoranthene | 6.7 J | 2.6 J | 3.1 J | 0.22 J | 3.1 J |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| bis(2-Chloroethyl)ether | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| bis(2-Chloroisopropyl)ether | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| bis(2-Ethylhexyl)adipate | 1.6 J | 1.3 J | 0.53 J | 0.91 | 1.5 J |
| bis(2-Ethylhexyl)phthalate | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Butylbenzylphthalate | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Carbazole | 1.3 J | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Chrysene | 6.8 J | 3.1 J | 4.1 | 0.24 J | 3.1 J |
| Dibenzo(a,h)anthracene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Dibenzofuran | 2.4 J | 0.41 J | 0.84 J | ND(0.74) | ND(11) |
| Diethylphthalate | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Dimethylphthalate | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Di-n-Butylphthalate | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Di-n-Octylphthalate | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Fluoranthene | 17 | 5.6 | 8.5 | 0.47 J | 5.4 J |
| Fluorene | 4.7 J | 1.0 J | 2.6 J | 0.13 J | ND(11) |
| Hexachlorobenzene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Hexachlorobutadiene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Hexachlorocyclopentadiene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Hexachloroethane | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Indeno(1,2,3-cd)pyrene | 4.8 J | 1.9 J | 2.2 J | 0.15 J | 1.9 J |
| Isophorone | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Naphthalene | 310 | 79 | 170 | 11 | 1.5 J |
| Nitrobenzene | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| N-Nitroso-dl-n-propylamine | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | C33 | C33 | C34 | C34 | C35 |
| Sample ID: | 2S-BH000661-0-0010 | 2S-BH000661-0-0060 | 2S-BH000624-0-0010 | 2S-BH000624-0-0060 | 2S-BH000626-0-0010 |
| Sample Depth(Feet): | 1-6 | 6-15 | 1-6 | 6-15 | 1-6 |
| Parameter | Date Collected: | 05/20/02 | 05/20/02 | 05/17/02 | 05/17/02 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Pentachlorobenzene | NS | NS | NS | NS | NS |
| Pentachlorophenol | ND(28) | ND(8.8) | ND(9.3) | ND(1.8) | ND(28) |
| Phenacetin | NS | NS | NS | NS | NS |
| Phenanthrene | 20 | 4.6 | 11 | 0.51 J | 4.7 J |
| Phenol | ND(11) | ND(3.5) | ND(3.7) | ND(0.74) | ND(11) |
| Pyrene | 17 | 6.5 | 9.5 | 0.53 J | 6.4 J |
| Pyridine | NS | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepone | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS | NS |
| TCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS | NS |
| PeCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| HxCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS | NS |
| HpCDFs (total) | NS | NS | NS | NS | NS |
| OCDF | NS | NS | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS | NS |
| TCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS | NS |
| PeCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS | NS |
| HxCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS | NS |
| HpCDDs (total) | NS | NS | NS | NS | NS |
| OCDD | NS | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | C33 | C33 | C34 | C34 | C35 |
| Sample ID: | 2S-BH000661-0-0010 | 2S-BH000661-0-0060 | 2S-BH000624-0-0010 | 2S-BH000624-0-0060 | 2S-BH000626-0-0010 |
| Sample Depth(Feet): | 1-6 | 6-15 | 1-6 | 6-15 | 1-6 |
| Date Collected: | 05/20/02 | 05/20/02 | 05/17/02 | 05/17/02 | 05/17/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | NS | NS | NS | NS | NS |
| Arsenic | NS | NS | NS | NS | NS |
| Barium | NS | NS | NS | NS | NS |
| Beryllium | NS | NS | NS | NS | NS |
| Cadmium | NS | NS | NS | NS | NS |
| Chromium | NS | NS | NS | NS | NS |
| Cobalt | NS | NS | NS | NS | NS |
| Copper | NS | NS | NS | NS | NS |
| Cyanide | 5.90 J | 3.80 J | 6.50 J | 0.820 J | 7.90 J |
| Lead | NS | NS | NS | NS | NS |
| Mercury | NS | NS | NS | NS | NS |
| Nickel | NS | NS | NS | NS | NS |
| Selenium | NS | NS | NS | NS | NS |
| Silver | NS | NS | NS | NS | NS |
| Sulfide | 33.9 J | R | R | R | R |
| Thallium | NS | NS | NS | NS | NS |
| Tin | NS | NS | NS | NS | NS |
| Vanadium | NS | NS | NS | NS | NS |
| Zinc | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | C35 | C36 | D25 | D27 | D29 |
| Sample ID: | 2S-BH000626-0-0060 | 2S-BH000613-0-0080 | 2S-BH000596-0-0000 | 2S-BH000667-0-0010 | 2S-BH000591-0-0000 |
| Sample Depth(Feet): | 6-15 | 6-15 | 0-1 | 1-6 | 0-1 |
| Date Collected: | 05/17/02 | 05/15/02 | 04/24/02 | 05/21/02 | 04/22/02 |
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,1,1-Trichloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,1,2-Trichloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,1-Dichloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,1-Dichloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,2,3-Trichlorobenzene | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,2,4-Trichlorobenzene | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,2,4-Trimethylbenzene | 0.0010 J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,2-Dibromoethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,2-Dichloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,2-Dichloropropane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 1,3,5-Trimethylbenzene | ND(0.010) J | 0.0020 J | NS | ND(0.010) J | NS |
| 1,3-Dichlorobenzene | 0.0060 J | 0.0030 J | NS | ND(0.010) J | NS |
| 1,4-Dichlorobenzene | 0.011 J | 0.0040 J | NS | ND(0.010) J | NS |
| 1,4-Dioxane | R | R | NS | R | NS |
| 2-Butanone | 0.0020 J | 0.0020 J | NS | ND(0.010) J | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Acetone | ND(0.014) J | ND(0.010) J | NS | ND(0.011) J | NS |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Bromodichloromethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Bromoform | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Bromomethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Carbon Disulfide | ND(0.010) J | 0.0020 J | NS | ND(0.010) J | NS |
| Carbon Tetrachloride | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Chlorobenzene | 0.17 J | 0.020 J | NS | ND(0.010) J | NS |
| Chloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Chloroform | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Chloromethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| cis-1,2-Dichloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| cis-1,3-Dichloropropene | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Dibromochloromethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Dibromomethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | 0.00080 J | 0.0030 J | NS | ND(0.010) J | NS |
| Freon 12 | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | 0.0030 J | 0.0020 J | NS | ND(0.010) J | NS |
| m&p-Xylene | 0.0010 J | ND(0.010) J | NS | ND(0.010) J | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | ND(0.010) J | ND(0.010) J | NS | ND(0.011) J | NS |
| Naphthalene | ND(0.010) J | ND(0.010) J | NS | ND(0.015) J | NS |
| n-Butylbenzene | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| n-Propylbenzene | ND(0.010) J | 0.0010 J | NS | ND(0.010) J | NS |
| o-Xylene | 0.0010 J | 0.0020 J | NS | ND(0.010) J | NS |
| p-isopropyltoluene | 0.00020 J | ND(0.010) J | NS | ND(0.010) J | NS |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Tetrachloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Tetrahydrofuran | R | R | NS | R | NS |
| Toluene | ND(0.010) J | 0.0010 J | NS | ND(0.010) J | NS |
| trans-1,2-Dichloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| trans-1,3-Dichloropropene | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Trichloroethane | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Trichlorofluoromethane | 0.0020 J | 0.0060 J | NS | 0.0060 J | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | ND(0.010) J | ND(0.010) J | NS | ND(0.010) J | NS |
| Xylenes (total) | 0.0020 J | 0.0020 J | NS | ND(0.010) J | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B C35 2S-BH000626-0-0060 6-15 05/17/02 | 4B C36 2S-BH000613-0-0060 6-15 05/15/02 | 4B D25 2S-BH000596-0-0000 0-1 04/24/02 | 4B D27 2S-BH000667-0-0010 1-6 05/21/02 | 4B D29 2S-BH000591-0-0000 0-1 04/22/02 |
|---|---|---|--|--|--|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 1,2-Dichlorobenzene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 1,3-Dichlorobenzene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 1,4-Dichlorobenzene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2,4,5-Trichlorophenol | ND(8.9) | ND(17) | ND(8.4) | ND(9.5) | ND(8.8) |
| 2,4,6-Trichlorophenol | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2,4-Dichlorophenol | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2,4-Dimethylphenol | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2,4-Dinitrophenol | ND(8.9) | ND(17) | ND(8.4) | ND(9.5) | ND(8.8) |
| 2,4-Dinitrotoluene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2,6-Dinitrotoluene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2-Chloronaphthalene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2-Chlorophenol | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2-Methylnaphthalene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2-Methylphenol | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2-Nitroaniline | ND(8.9) | ND(17) | ND(8.4) | ND(9.5) | ND(8.8) |
| 2-Nitrophenol | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 3-Nitroaniline | ND(8.9) | ND(17) | ND(8.4) | ND(9.5) | ND(8.8) |
| 4,6-Dinitro-2-methylphenol | ND(8.9) | ND(17) | ND(8.4) | ND(9.5) | ND(8.8) |
| 4-Bromophenyl-phenylether | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 4-Chloro-3-Methylphenol | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 4-Chloroaniline | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 4-Chlorophenyl-phenylether | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 4-Methylphenol | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| 4-Nitroaniline | ND(8.9) | ND(17) | ND(8.4) | ND(9.5) | ND(8.8) |
| 4-Nitrophenol | ND(8.9) | ND(17) | ND(8.4) | ND(9.5) | ND(8.8) |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Acenaphthylene | 0.58 J | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | 0.72 J | ND(6.8) | ND(3.3) | 0.44 J | ND(3.5) |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | 2.1 J | ND(6.8) | 0.45 J | 1.4 J | 0.98 J |
| Benzo(a)pyrene | 2.0 J | ND(6.8) | 0.70 J | 1.6 J | 1.0 J |
| Benzo(b)fluoranthene | 1.1 J | ND(6.8) | 0.41 J | 1.0 J | 1.1 J |
| Benzo(g,h,i)perylene | 0.82 J | ND(6.8) | 0.38 J | 1.2 J | 0.61 J |
| Benzo(k)fluoranthene | 1.2 J | ND(6.8) | 0.61 J | 1.5 J | 1.2 J |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| bis(2-Chloroethyl)ether | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| bis(2-Chloroisopropyl)ether | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| bis(2-Ethylhexyl)adipate | 1.4 J | 18 | 3.6 | 1.7 J | 1.2 J |
| bis(2-Ethylhexyl)phthalate | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Butylbenzylphthalate | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Carbazole | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Chrysene | 2.2 J | ND(6.8) | 0.50 J | 1.7 J | 1.2 J |
| Dibenzo(a,h)anthracene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | 0.38 J |
| Dibenzofuran | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Diethylphthalate | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Dimethylphthalate | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Di-n-Butylphthalate | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | 0.44 J |
| Di-n-Octylphthalate | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Fluoranthene | 3.5 J | ND(6.8) | 0.50 J | 2.6 J | 1.9 J |
| Fluorene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Hexachlorobenzene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Hexachlorobutadiene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Hexachlorocyclopentadiene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Hexachloroethane | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Indeno(1,2,3-cd)pyrene | 0.68 J | ND(6.8) | 0.45 J | 1.1 J | 0.89 J |
| Isophorone | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Naphthalene | ND(3.5) | ND(6.8) | ND(3.3) | 0.40 J | ND(3.5) |
| Nitrobenzene | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| N-Nitroso-di-n-propylamine | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B C35 2S-BH000626-0-0060 6-15 05/17/02 | 4B C36 2S-BH000613-0-0060 6-15 05/15/02 | 4B D25 2S-BH000596-0-0000 0-1 04/24/02 | 4B D27 2S-BH000667-0-0010 1-6 05/21/02 | 4B D29 2S-BH000591-0-0000 0-1 04/22/02 |
|---|---|---|--|--|--|
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Pentachlorobenzene | NS | NS | NS | NS | NS |
| Pentachlorophenol | ND(8.9) | ND(17) | ND(8.4) | ND(9.5) | ND(8.8) |
| Phenacetin | NS | NS | NS | NS | NS |
| Phenanthrene | 1.7 J | ND(6.8) | ND(3.3) | 2.1 J | 1.1 J |
| Phenol | ND(3.5) | ND(6.8) | ND(3.3) | ND(3.8) | ND(3.5) |
| Pyrene | 6.1 | ND(6.8) | 0.96 J | 2.8 J | 2.0 J |
| Pyridine | NS | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepon | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS | NS |
| TCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS | NS |
| PeCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| HxCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS | NS |
| HpCDFs (total) | NS | NS | NS | NS | NS |
| OCDF | NS | NS | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS | NS |
| TCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS | NS |
| PeCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS | NS |
| HxCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS | NS |
| HpCDDs (total) | NS | NS | NS | NS | NS |
| OCDD | NS | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B | |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------|
| Location ID: | C35 | C36 | D25 | D27 | D29 | |
| Sample ID: | 2S-BH000626-0-0060 | 2S-BH000613-0-0060 | 2S-BH000596-0-0000 | 2S-BH000667-0-0010 | 2S-BH000591-0-0000 | |
| Sample Depth(Feet): | 6-15 | 6-15 | 0-1 | 1-6 | 0-1 | |
| Parameter | Date Collected: | 05/17/02 | 05/15/02 | 04/24/02 | 05/21/02 | 04/22/02 |
| Inorganics | | | | | | |
| Antimony | NS | NS | NS | NS | NS | |
| Arsenic | NS | NS | NS | NS | NS | |
| Barium | NS | NS | NS | NS | NS | |
| Beryllium | NS | NS | NS | NS | NS | |
| Cadmium | NS | NS | NS | NS | NS | |
| Chromium | NS | NS | NS | NS | NS | |
| Cobalt | NS | NS | NS | NS | NS | |
| Copper | NS | NS | NS | NS | NS | |
| Cyanide | 2.50 J | ND(0.430) J | ND(0.500) | 6.60 | NS | |
| Lead | NS | NS | NS | NS | NS | |
| Mercury | NS | NS | NS | NS | NS | |
| Nickel | NS | NS | NS | NS | NS | |
| Selenium | NS | NS | NS | NS | NS | |
| Silver | NS | NS | NS | NS | NS | |
| Sulfide | R | 36.0 J | R | ND(9.30) | NS | |
| Thallium | NS | NS | NS | NS | NS | |
| Tin | NS | NS | NS | NS | NS | |
| Vanadium | NS | NS | NS | NS | NS | |
| Zinc | NS | NS | NS | NS | NS | |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B D29 2S-BH000591-0-0000 0-1 04/23/02 | 4B D31 2S-BH000668-0-0010 1-6 05/21/02 | 4B D31 2S-BH000668-0-0060 6-15 05/21/02 | 4B D33 2S-BH000669-0-0010 1-6 05/21/02 | 4B D33 2S-BH000669-0-0060 6-15 05/21/02 |
|---|--|--|---|--|---|
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | ND(0.013) J | NS | NS | NS |
| 1,1,1-Trichloroethane | NS | ND(0.013) J | NS | NS | NS |
| 1,1,2-Trichloroethane | NS | ND(0.013) J | NS | NS | NS |
| 1,1-Dichloroethane | NS | ND(0.013) J | NS | NS | NS |
| 1,1-Dichloroethene | NS | ND(0.013) J | NS | NS | NS |
| 1,2,3-Trichlorobenzene | NS | ND(0.013) J | NS | NS | NS |
| 1,2,4-Trichlorobenzene | NS | ND(0.013) J | NS | NS | NS |
| 1,2,4-Trimethylbenzene | NS | ND(0.013) J | NS | NS | NS |
| 1,2-Dibromoethane | NS | ND(0.013) J | NS | NS | NS |
| 1,2-Dichloroethane | NS | ND(0.013) J | NS | NS | NS |
| 1,2-Dichloropropane | NS | ND(0.013) J | NS | NS | NS |
| 1,3,5-Trimethylbenzene | NS | ND(0.013) J | NS | NS | NS |
| 1,3-Dichlorobenzene | NS | ND(0.013) J | NS | NS | NS |
| 1,4-Dichlorobenzene | NS | ND(0.013) J | NS | NS | NS |
| 1,4-Dioxane | NS | R | NS | NS | NS |
| 2-Butanone | NS | ND(0.013) J | NS | NS | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | NS | ND(0.013) J | NS | NS | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | NS | ND(0.013) J | NS | NS | NS |
| Acetone | NS | ND(0.013) J | NS | NS | NS |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | NS | 0.0040 J | NS | NS | NS |
| Bromodichloromethane | NS | ND(0.013) J | NS | NS | NS |
| Bromoform | NS | ND(0.013) J | NS | NS | NS |
| Bromomethane | NS | ND(0.013) J | NS | NS | NS |
| Carbon Disulfide | NS | ND(0.013) J | NS | NS | NS |
| Carbon Tetrachloride | NS | ND(0.013) J | NS | NS | NS |
| Chlorobenzene | NS | ND(0.013) J | NS | NS | NS |
| Chloroethane | NS | ND(0.013) J | NS | NS | NS |
| Chloroform | NS | ND(0.013) J | NS | NS | NS |
| Chloromethane | NS | ND(0.013) J | NS | NS | NS |
| cis-1,2-Dichloroethene | NS | ND(0.013) J | NS | NS | NS |
| cis-1,3-Dichloropropene | NS | ND(0.013) J | NS | NS | NS |
| Dibromochloromethane | NS | ND(0.013) J | NS | NS | NS |
| Dibromomethane | NS | ND(0.013) J | NS | NS | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | NS | ND(0.013) J | NS | NS | NS |
| Freon 12 | NS | ND(0.013) J | NS | NS | NS |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | NS | ND(0.013) J | NS | NS | NS |
| m&p-Xylene | NS | ND(0.013) J | NS | NS | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | NS | ND(0.013) J | NS | NS | NS |
| Naphthalene | NS | ND(0.013) J | NS | NS | NS |
| n-Butylbenzene | NS | ND(0.013) J | NS | NS | NS |
| n-Propylbenzene | NS | ND(0.013) J | NS | NS | NS |
| o-Xylene | NS | ND(0.013) J | NS | NS | NS |
| p-Isopropyltoluene | NS | ND(0.013) J | NS | NS | NS |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | NS | ND(0.013) J | NS | NS | NS |
| Tetrachloroethene | NS | ND(0.013) J | NS | NS | NS |
| Tetrahydrofuran | NS | R | NS | NS | NS |
| Toluene | NS | 0.0030 J | NS | NS | NS |
| trans-1,2-Dichloroethene | NS | ND(0.013) J | NS | NS | NS |
| trans-1,3-Dichloropropene | NS | ND(0.013) J | NS | NS | NS |
| Trichloroethane | NS | ND(0.013) J | NS | NS | NS |
| Trichlorofluoromethane | NS | 0.0050 J | NS | NS | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | NS | ND(0.013) J | NS | NS | NS |
| Xylenes (total) | NS | ND(0.013) J | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | D29 | D31 | D31 | D33 | D33 |
| Sample ID: | 2S-BH000591-0-0000 | 2S-BH000668-0-0010 | 2S-BH000668-0-0060 | 2S-BH000669-0-0010 | 2S-BH000669-0-0060 |
| Sample Depth(Feet): | 0-1 | 1-6 | 6-15 | 1-6 | 6-15 |
| Date Collected: | 04/23/02 | 05/21/02 | 05/21/02 | 05/21/02 | 05/21/02 |
| Parameter | | | | | |
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 1,2-Dichlorobenzene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 1,3-Dichlorobenzene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 1,4-Dichlorobenzene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2,4,5-Trichlorophenol | NS | ND(30) | ND(150) | ND(28) | ND(29) |
| 2,4,6-Trichlorophenol | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2,4-Dichlorophenol | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2,4-Dimethylphenol | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2,4-Dinitrophenol | NS | ND(30) | ND(150) | ND(28) | ND(29) |
| 2,4-Dinitrotoluene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2,6-Dinitrotoluene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2-Chloronaphthalene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2-Chlorophenol | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2-Methylnaphthalene | NS | ND(12) | 81 | ND(11) | ND(12) |
| 2-Methylphenol | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2-Nitroaniline | NS | ND(30) | ND(150) | ND(28) | ND(29) |
| 2-Nitrophenol | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 3-Nitroaniline | NS | ND(30) | ND(150) | ND(28) | ND(29) |
| 4,6-Dinitro-2-methylphenol | NS | ND(30) | ND(150) | ND(28) | ND(29) |
| 4-Bromophenyl-phenylether | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 4-Chloro-3-Methylphenol | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 4-Chloroaniline | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 4-Chlorophenyl-phenylether | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 4-Methylphenol | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| 4-Nitroaniline | NS | ND(30) | ND(150) | ND(28) | ND(29) |
| 4-Nitrophenol | NS | ND(30) | ND(150) | ND(28) | ND(29) |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Acenaphthylene | NS | 1.5 J | ND(61) | ND(11) | ND(12) |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | NS | 3.4 J | ND(61) | 1.4 J | 7.1 J |
| Benzo(a)pyrene | NS | 2.7 J | ND(61) | 1.7 J | 4.9 J |
| Benzo(b)fluoranthene | NS | 3.9 J | ND(61) | 1.7 J | 5.3 J |
| Benzo(g,h,i)perylene | NS | 2.4 J | ND(61) | 1.5 J | 4.5 J |
| Benzo(k)fluoranthene | NS | 3.5 J | ND(61) | 1.1 J | 6.5 J |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| bis(2-Chloroethyl)ether | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| bis(2-Chloroisopropyl)ether | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| bis(2-Ethylhexyl)adipate | NS | 4.3 J | ND(61) J | 2.5 J | 2.0 J |
| bis(2-Ethylhexyl)phthalate | NS | ND(15) | ND(61) | ND(11) | ND(12) |
| Butylbenzylphthalate | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Carbazole | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Chrysene | NS | 4.0 J | ND(61) | 1.6 J | 8.6 J |
| Dibenzo(a,h)anthracene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Dibenzofuran | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Diethylphthalate | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Dimethylphthalate | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Di-n-Butylphthalate | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Di-n-Octylphthalate | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Fluoranthene | NS | 4.7 J | 8.9 J | 2.1 J | 7.2 J |
| Fluorene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Hexachlorobenzene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Hexachlorobutadiene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Hexachlorocyclopentadiene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Hexachloroethane | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Indeno(1,2,3-cd)pyrene | NS | 2.3 J | ND(61) | 1.2 J | 3.8 J |
| Isophorone | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Naphthalene | NS | 1.7 J | 320 | ND(11) | ND(12) |
| Nitrobenzene | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| N-Nitroso-di-n-propylamine | NS | ND(12) | ND(61) | ND(11) | ND(12) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B D29 | 4B D31 | 4B D31 | 4B D33 | 4B D33 |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | 2S-BH000591-0-0000 | 2S-BH000668-0-0010 | 2S-BH000668-0-0060 | 2S-BH000669-0-0010 | 2S-BH000669-0-0060 |
| Sample ID: | 0-1 | 1-6 | 6-15 | 1-6 | 6-15 |
| Sample Depth(Feet): | 04/23/02 | 05/21/02 | 05/21/02 | 05/21/02 | 05/21/02 |
| Date Collected: | | | | | |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | NS | ND(12) | ND(61) | ND(11) | ND(12) |
| Pentachlorobenzene | NS | NS | NS | NS | NS |
| Pentachloropheno | NS | ND(30) | ND(150) | ND(28) | ND(29) |
| Phenacetin | NS | NS | NS | NS | NS |
| Phenanthrene | NS | 2.4 J | 18 J | 1.2 J | 3.7 J |
| Phenol | NS | ND(12) | ND(61) | 1.2 J | ND(12) |
| Pyrene | NS | 9.4 J | 17 J | 2.9 J | 10 J |
| Pyridine | NS | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepone | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | 0.00015 | NS | NS | NS | NS |
| TCDFs (total) | 0.00080 | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | 0.00011 | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | 0.00022 | NS | NS | NS | NS |
| PeCDFs (total) | 0.0017 J | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | 0.00038 | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | 0.00018 | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | 0.000051 | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | 0.00013 | NS | NS | NS | NS |
| HxCDFs (total) | 0.0020 | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | 0.00045 | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | 0.00012 | NS | NS | NS | NS |
| HpCDFs (total) | 0.0010 | NS | NS | NS | NS |
| OCDF | 0.0012 | NS | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | 0.000012 | NS | NS | NS | NS |
| TCDDs (total) | 0.000016 | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | 0.0000048 | NS | NS | NS | NS |
| PeCDDs (total) | 0.000033 | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | 0.0000041 | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | 0.0000080 | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | 0.0000067 | NS | NS | NS | NS |
| HxCDDs (total) | 0.000099 | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | 0.000075 | NS | NS | NS | NS |
| HpCDDs (total) | 0.00016 | NS | NS | NS | NS |
| OCDD | 0.00049 | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | 0.00022 | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | D29 | D31 | D31 | D33 | D33 |
| Sample ID: | 2S-BH000591-0-0000 | 2S-BH000668-0-0010 | 2S-BH000668-0-0060 | 2S-BH000669-0-0010 | 2S-BH000669-0-0060 |
| Sample Depth(Feet): | 0-1 | 1-6 | 6-15 | 1-6 | 6-15 |
| Parameter | Date Collected: | 04/23/02 | 05/21/02 | 05/21/02 | 05/21/02 |
| Inorganics | | | | | |
| Antimony | NS | NS | NS | NS | NS |
| Arsenic | NS | NS | NS | NS | NS |
| Barium | NS | NS | NS | NS | NS |
| Beryllium | NS | NS | NS | NS | NS |
| Cadmium | NS | NS | NS | NS | NS |
| Chromium | NS | NS | NS | NS | NS |
| Cobalt | NS | NS | NS | NS | NS |
| Copper | NS | NS | NS | NS | NS |
| Cyanide | ND(0.550) | 13.9 | 1.50 | 102 | ND(0.480) |
| Lead | NS | NS | NS | NS | NS |
| Mercury | NS | NS | NS | NS | NS |
| Nickel | NS | NS | NS | NS | NS |
| Selenium | NS | NS | NS | NS | NS |
| Silver | NS | NS | NS | NS | NS |
| Sulfide | ND(7.90) J | ND(8.90) | ND(9.40) | ND(8.40) | ND(9.00) |
| Thallium | NS | NS | NS | NS | NS |
| Tin | NS | NS | NS | NS | NS |
| Vanadium | NS | NS | NS | NS | NS |
| Zinc | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B D34 2S-BH000592-0-0000 0-1 04/23/02 | 4B D34 2S-BH000592-0-0060 6-15 04/23/02 | 4B D35 2S-BH000625-0-0060 6-15 05/17/02 | 4B D36 2S-BH000610-0-0010 1-4 05/15/02 | 4B D36 2S-BH000610-0-0010 1-6 05/15/02 |
|---|--|---|---|--|--|
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 1,1,1-Trichloroethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 1,1,2-Trichloroethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 1,1-Dichloroethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 1,1-Dichloroethene | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 1,2,3-Trichlorobenzene | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 1,2,4-Trichlorobenzene | NS | NS | 0.0020 J | ND(0.011) J | NS |
| 1,2,4-Trimethylbenzene | NS | NS | 0.065 J | 0.0020 J | NS |
| 1,2-Dibromoethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 1,2-Dichloroethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 1,2-Dichloropropane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 1,3,5-Trimethylbenzene | NS | NS | ND(0.010) J | 0.043 J | NS |
| 1,3-Dichlorobenzene | NS | NS | 0.010 J | ND(0.011) J | NS |
| 1,4-Dichlorobenzene | NS | NS | 0.022 J | ND(0.011) J | NS |
| 1,4-Dioxane | NS | NS | R | R | NS |
| 2-Butanone | NS | NS | 0.0020 J | ND(0.012) J | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Acetone | NS | NS | ND(0.011) J | 0.11 J | NS |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | NS | NS | ND(0.010) J | 0.0040 J | NS |
| Bromodichloromethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Bromoform | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Bromomethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Carbon Disulfide | NS | NS | ND(0.010) J | 0.0050 J | NS |
| Carbon Tetrachloride | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Chlorobenzene | NS | NS | 0.18 J | 0.029 J | NS |
| Chloroethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Chloroform | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Chloromethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| cis-1,2-Dichloroethene | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| cis-1,3-Dichloropropene | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Dibromochloromethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Dibromomethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | NS | NS | 0.029 J | 0.39 J | NS |
| Freon 12 | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | NS | NS | 0.0060 J | 0.019 J | NS |
| m&p-Xylene | NS | NS | 0.0070 J | 0.0030 J | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | NS | NS | ND(0.010) J | ND(0.038) J | NS |
| Naphthalene | NS | NS | 0.068 J | ND(0.011) J | NS |
| n-Butylbenzene | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| n-Propylbenzene | NS | NS | ND(0.010) J | 0.0020 J | NS |
| o-Xylene | NS | NS | ND(0.0090) J | 0.0060 J | NS |
| p-Isopropyltoluene | NS | NS | ND(0.010) J | 0.0030 J | NS |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | NS | NS | ND(0.010) J | ND(0.012) J | NS |
| Tetrachloroethene | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Tetrahydrofuran | NS | NS | R | R | NS |
| Toluene | NS | NS | ND(0.010) J | 0.0060 J | NS |
| trans-1,2-Dichloroethene | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| trans-1,3-Dichloropropene | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Trichloroethane | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Trichlorofluoromethane | NS | NS | 0.0040 J | 0.040 J | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | NS | NS | ND(0.010) J | ND(0.011) J | NS |
| Xylenes (total) | NS | NS | 0.016 J | 0.010 J | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | D34 | D34 | D35 | D36 | D36 |
| Sample ID: | 2S-BH000592-0-0000 | 2S-BH000592-0-0060 | 2S-BH000625-0-0060 | 2S-BH000610-0-0010 | 2S-BH000610-0-0010 |
| Sample Depth(Feet): | 0-1 | 6-15 | 6-15 | 1-4 | 1-6 |
| Parameter | Date Collected: | 04/23/02 | 04/23/02 | 05/17/02 | 05/15/02 |
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(11) | NS | ND(10) | ND(12) | NS |
| 1,2-Dichlorobenzene | ND(11) | NS | ND(10) | ND(12) | NS |
| 1,3-Dichlorobenzene | ND(11) | NS | ND(10) | ND(12) | NS |
| 1,4-Dichlorobenzene | ND(11) | NS | ND(10) | ND(12) | NS |
| 2,4,5-Trichlorophenol | ND(29) | NS | ND(26) | ND(31) | NS |
| 2,4,6-Trichlorophenol | ND(11) | NS | ND(10) | ND(12) | NS |
| 2,4-Dichlorophenol | ND(11) | NS | ND(10) | ND(12) | NS |
| 2,4-Dimethylphenol | ND(11) | NS | ND(10) | ND(12) | NS |
| 2,4-Dinitrophenol | ND(29) | NS | ND(26) | ND(31) | NS |
| 2,4-Dinitrotoluene | ND(11) | NS | ND(10) | ND(12) | NS |
| 2,6-Dinitrotoluene | ND(11) | NS | ND(10) | ND(12) | NS |
| 2-Chloronaphthalene | ND(11) | NS | ND(10) | ND(12) | NS |
| 2-Chlorophenol | ND(11) | NS | ND(10) | ND(12) | NS |
| 2-Methylnaphthalene | ND(11) | NS | ND(10) | 1.4 J | NS |
| 2-Methylphenol | ND(11) | NS | ND(10) | ND(12) | NS |
| 2-Nitroaniline | ND(29) | NS | ND(26) | ND(31) | NS |
| 2-Nitrophenol | ND(11) | NS | ND(10) | ND(12) | NS |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(11) | NS | ND(10) | ND(12) | NS |
| 3-Nitroaniline | ND(29) | NS | ND(26) | ND(31) | NS |
| 4,6-Dinitro-2-methylphenol | ND(29) | NS | ND(26) | ND(31) | NS |
| 4-Bromophenyl-phenylether | ND(11) | NS | ND(10) | ND(12) | NS |
| 4-Chloro-3-Methylphenol | ND(11) | NS | ND(10) | ND(12) | NS |
| 4-Chloroaniline | ND(11) | NS | ND(10) | ND(12) | NS |
| 4-Chlorophenyl-phenylether | ND(11) | NS | ND(10) | ND(12) | NS |
| 4-Methylphenol | ND(11) | NS | ND(10) | ND(12) | NS |
| 4-Nitroaniline | ND(29) | NS | ND(26) | ND(31) | NS |
| 4-Nitrophenol | ND(29) | NS | ND(26) | ND(31) | NS |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | ND(11) | NS | ND(10) | 2.2 J | NS |
| Acenaphthylene | 1.8 J | NS | ND(10) | 4.3 J | NS |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | ND(11) | NS | ND(10) | 5.0 J | NS |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | 2.5 J | NS | ND(10) | 11 J | NS |
| Benzo(a)pyrene | 2.6 J | NS | ND(10) | 8.4 J | NS |
| Benzo(b)fluoranthene | 3.6 J | NS | ND(10) | 9.7 J | NS |
| Benzo(g,h,i)perylene | 2.4 J | NS | ND(10) | 5.8 J | NS |
| Benzo(k)fluoranthene | 3.6 J | NS | ND(10) | 9.0 J | NS |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(11) | NS | ND(10) | ND(12) | NS |
| bis(2-Chloroethyl)ether | ND(11) | NS | ND(10) | ND(12) | NS |
| bis(2-Chloroisopropyl)ether | ND(11) | NS | ND(10) | ND(12) | NS |
| bis(2-Ethylhexyl)adipate | ND(11) | NS | 2.7 J | 1.5 J | NS |
| bis(2-Ethylhexyl)phthalate | ND(11) | NS | ND(10) | ND(12) | NS |
| Butylbenzylphthalate | ND(11) | NS | ND(10) | ND(12) | NS |
| Carbazole | ND(11) | NS | ND(10) | ND(12) | NS |
| Chrysene | 2.7 J | NS | ND(10) | 12 J | NS |
| Dibenzo(a,h)anthracene | ND(11) | NS | ND(10) | 3.1 J | NS |
| Dibenzofuran | ND(11) | NS | ND(10) | ND(12) | NS |
| Diethylphthalate | ND(11) | NS | ND(10) | ND(12) | NS |
| Dimethylphthalate | ND(11) | NS | ND(10) | ND(12) | NS |
| Di-n-Butylphthalate | ND(11) | NS | ND(10) | ND(12) | NS |
| Di-n-Octylphthalate | ND(11) | NS | ND(10) | ND(12) | NS |
| Fluoranthene | 3.9 J | NS | ND(10) | 20 | NS |
| Fluorene | ND(11) | NS | ND(10) | 3.9 J | NS |
| Hexachlorobenzene | ND(11) | NS | ND(10) | ND(12) | NS |
| Hexachlorobutadiene | ND(11) | NS | ND(10) | ND(12) | NS |
| Hexachlorocyclopentadiene | ND(11) | NS | ND(10) | ND(12) | NS |
| Hexachloroethane | ND(11) | NS | ND(10) | ND(12) | NS |
| Indeno(1,2,3-cd)pyrene | 3.2 J | NS | ND(10) | 5.7 J | NS |
| isophorone | ND(11) | NS | ND(10) | ND(12) | NS |
| Naphthalene | ND(11) | NS | ND(10) | 2.9 J | NS |
| Nitrobenzene | ND(11) | NS | ND(10) | ND(12) | NS |
| N-Nitroso-di-n-propylamine | ND(11) | NS | ND(10) | ND(12) | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | D34 | D34 | D35 | D36 | D36 |
| Sample ID: | 2S-BH000592-0-0000 | 2S-BH000592-0-0060 | 2S-BH000625-0-0060 | 2S-BH000610-0-0010 | 2S-BH000610-0-0010 |
| Sample Depth (Feet): | 0-1 | 6-15 | 6-15 | 1-4 | 1-6 |
| Parameter | Date Collected: | 04/23/02 | 04/23/02 | 05/17/02 | 05/15/02 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(11) | NS | ND(10) | ND(12) | NS |
| Pentachlorobenzene | NS | NS | NS | NS | NS |
| Pentachlorophenol | ND(29) | NS | ND(26) | ND(31) | NS |
| Phenacetin | NS | NS | NS | NS | NS |
| Phenanthrene | 1.2 J | NS | ND(10) | 22 | NS |
| Phenol | ND(11) | NS | ND(10) | ND(12) | NS |
| Pyrene | 4.5 J | NS | ND(10) | 23 | NS |
| Pyridine | NS | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepon | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | 0.000039 | 0.000046 | NS | NS | NS |
| TCDFs (total) | 0.00027 J | 0.00039 J | NS | NS | NS |
| 1,2,3,7,8-PeCDF | 0.000015 J | 0.000012 J | NS | NS | NS |
| 2,3,4,7,8-PeCDF | 0.000042 | 0.00011 | NS | NS | NS |
| PeCDFs (total) | 0.00045 J | 0.0015 J | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | 0.000034 | 0.000022 J | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | 0.000020 J | 0.000041 | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | 0.0000084 | 0.000011 J | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | 0.000045 | 0.00015 | NS | NS | NS |
| HxCDFs (total) | 0.00069 | 0.0022 | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | 0.00033 | 0.00013 | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | 0.000013 J | 0.000011 J | NS | NS | NS |
| HpCDFs (total) | 0.00061 | 0.00036 | NS | NS | NS |
| OCDF | 0.00020 | 0.000041 J | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | 0.0000017 | 0.0000016 | NS | NS | NS |
| TCDDs (total) | 0.0000029 J | 0.0000036 | NS | NS | NS |
| 1,2,3,7,8-PeCDD | 0.0000036 | 0.0000021 J | NS | NS | NS |
| PeCDDs (total) | 0.0000094 J | 0.000014 J | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | 0.0000018 J | 0.0000017 J | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | 0.0000059 J | 0.0000030 J | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | 0.0000036 J | 0.0000018 J | NS | NS | NS |
| HxCDDs (total) | 0.000051 | 0.000047 J | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | 0.000075 | 0.000022 J | NS | NS | NS |
| HpCDDs (total) | 0.00014 | 0.000040 | NS | NS | NS |
| OCDD | 0.00062 | 0.000031 | NS | NS | NS |
| Total TEQs (WHO TEFs) | 0.000047 | 0.000067 | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | D34 | D34 | D35 | D36 | D36 |
| Sample ID: | 2S-BH000592-0-0000 | 2S-BH000592-0-0060 | 2S-BH000625-0-0060 | 2S-BH000610-0-0010 | 2S-BH000610-0-0010 |
| Sample Depth(Feet): | 0-1 | 6-15 | 6-15 | 1-4 | 1-6 |
| Date Collected: | 04/23/02 | 04/23/02 | 05/17/02 | 05/15/02 | 05/15/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | NS | NS | NS | NS | NS |
| Arsenic | NS | NS | NS | NS | NS |
| Barium | NS | NS | NS | NS | NS |
| Beryllium | NS | NS | NS | NS | NS |
| Cadmium | NS | NS | NS | NS | NS |
| Chromium | NS | NS | NS | NS | NS |
| Cobalt | NS | NS | NS | NS | NS |
| Copper | NS | NS | NS | NS | NS |
| Cyanide | 13.1 | 29.7 | 1.20 J | NS | 17.2 J |
| Lead | NS | NS | NS | NS | NS |
| Mercury | NS | NS | NS | NS | NS |
| Nickel | NS | NS | NS | NS | NS |
| Selenium | NS | NS | NS | NS | NS |
| Silver | NS | NS | NS | NS | NS |
| Sulfide | ND(9.00) J | ND(9.30) J | R | NS | 66.4 J |
| Thallium | NS | NS | NS | NS | NS |
| Tin | NS | NS | NS | NS | NS |
| Vanadium | NS | NS | NS | NS | NS |
| Zinc | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B D36 2S-BH000610-0-0060 6-15 05/15/02 | 4B E29 2S-BH000666-0-0010 1-6 05/21/02 | 4B E29 2S-BH000666-0-0060 6-15 05/21/02 | 4B E31 2S-BH000600-0-0000 0-1 04/24/02 | 4B E31 2S-BH000600-0-0010 1-6 04/24/02 |
|---|---|--|---|--|--|
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| 1,1,1-Trichloroethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| 1,1,2-Trichloroethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| 1,1-Dichloroethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| 1,1-Dichloroethene | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| 1,2,3-Trichlorobenzene | ND(0.010) J | 0.0020 J | ND(0.012) J | NS | NS |
| 1,2,4-Trichlorobenzene | ND(0.010) J | 0.024 J | 0.0060 J | NS | NS |
| 1,2,4-Trimethylbenzene | 0.0080 J | 0.34 J | 0.12 J | NS | NS |
| 1,2-Dibromomethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| 1,2-Dichloroethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| 1,2-Dichloropropane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| 1,3,5-Trimethylbenzene | ND(0.010) J | 0.20 J | 0.033 J | NS | NS |
| 1,3-Dichlorobenzene | 0.034 J | 0.012 J | 0.020 J | NS | NS |
| 1,4-Dichlorobenzene | 0.076 J | 0.052 J | 0.056 J | NS | NS |
| 1,4-Dioxane | R | R | R | NS | NS |
| 2-Butanone | 0.0080 J | 0.095 J | 0.025 J | NS | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Acetone | 0.051 J | 0.35 J | 0.10 J | NS | NS |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | 0.038 J | 0.22 J | 0.26 J | NS | NS |
| Bromodichloromethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Bromoform | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Bromomethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Carbon Disulfide | 0.0030 J | 0.0070 J | 0.0020 J | NS | NS |
| Carbon Tetrachloride | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Chlorobenzene | 0.79 J | 0.065 J | 0.52 J | NS | NS |
| Chloroethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Chloroform | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Chloromethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| cis-1,2-Dichloroethene | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| cis-1,3-Dichloropropene | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Dibromochloromethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Dibromomethane | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | 0.052 J | 0.46 J | 0.28 J | NS | NS |
| Freon 12 | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | 0.010 J | 0.17 J | 0.030 J | NS | NS |
| m&p-Xylene | 0.0040 J | 0.87 J | 0.24 J | NS | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | ND(0.016) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Naphthalene | NS | 0.24 J | 0.17 J | NS | NS |
| n-Butylbenzene | ND(0.010) J | 0.010 J | ND(0.012) J | NS | NS |
| n-Propylbenzene | ND(0.010) J | ND(0.032) J | 0.011 J | NS | NS |
| o-Xylene | 0.0070 J | 0.70 J | 0.15 J | NS | NS |
| p-Isopropyltoluene | ND(0.010) J | 0.032 J | 0.0070 J | NS | NS |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | ND(0.010) J | 0.043 J | 0.0070 J | NS | NS |
| Tetrachloroethene | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Tetrahydrofuran | R | R | R | NS | NS |
| Toluene | 0.0020 J | 0.65 J | 0.15 J | NS | NS |
| trans-1,2-Dichloroethene | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| trans-1,3-Dichloropropene | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Trichloroethene | ND(0.010) J | 0.0040 J | ND(0.012) J | NS | NS |
| Trichlorofluoromethane | 0.014 J | 0.0020 J | 0.0020 J | NS | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | ND(0.010) J | ND(0.010) J | ND(0.012) J | NS | NS |
| Xylenes (total) | 0.010 J | 1.6 J | 0.39 J | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B D36 2S-BH000610-0-0060 6-15 05/15/02 | 4B E29 2S-BH000666-0-0010 1-6 05/21/02 | 4B E29 2S-BH000666-0-0060 6-15 05/21/02 | 4B E31 2S-BH000600-0-0000 0-1 04/24/02 | 4B E31 2S-BH000600-0-0010 1-6 04/24/02 |
|---|---|--|---|--|--|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 1,2-Dichlorobenzene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 1,3-Dichlorobenzene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 1,4-Dichlorobenzene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2,4,5-Trichlorophenol | ND(290) | ND(260) | ND(360) | ND(26) | NS |
| 2,4,6-Trichlorophenol | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2,4-Dichlorophenol | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2,4-Dimethylphenol | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2,4-Dinitrophenol | ND(290) | ND(260) | ND(360) | ND(26) | NS |
| 2,4-Dinitrotoluene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2,6-Dinitrotoluene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2-Chloronaphthalene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2-Chlorophenol | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2-Methylnaphthalene | ND(110) | 220 | 38 J | ND(10) | NS |
| 2-Methylphenol | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2-Nitroaniline | ND(290) | ND(260) | ND(360) | ND(26) | NS |
| 2-Nitrophenol | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 3-Nitroaniline | ND(290) | ND(260) | ND(360) | ND(26) | NS |
| 4,6-Dinitro-2-methylphenol | ND(290) | ND(260) | ND(360) | ND(26) | NS |
| 4-Bromophenyl-phenylether | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 4-Chloro-3-Methylphenol | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 4-Chloroaniline | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 4-Chlorophenyl-phenylether | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 4-Methylphenol | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| 4-Nitroaniline | ND(290) | ND(260) | ND(360) | ND(26) | NS |
| 4-Nitrophenol | ND(290) | ND(260) | ND(360) | ND(26) | NS |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | ND(110) | 93 J | 34 J | ND(10) | NS |
| Acenaphthylene | ND(110) | 23 J | 19 J | 1.9 J | NS |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | ND(110) | 59 J | 32 J | ND(10) | NS |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | ND(110) | 47 J | 34 J | 3.3 J | NS |
| Benzo(a)pyrene | ND(110) | 37 J | 30 J | 4.1 J | NS |
| Benzo(b)fluoranthene | ND(110) | 20 J | 17 J | 2.7 J | NS |
| Benzo(g,h,i)perylene | ND(110) | 15 J | ND(140) | ND(10) | NS |
| Benzo(k)fluoranthene | ND(110) | 27 J | 20 J | 4.3 J | NS |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| bis(2-Chloroethyl)ether | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| bis(2-Chloroisopropyl)ether | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| bis(2-Ethylhexyl)adipate | ND(110) | ND(100) J | ND(140) J | ND(10) | NS |
| bis(2-Ethylhexyl)phthalate | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Butylbenzylphthalate | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Carbazole | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Chrysene | ND(110) | 49 J | 35 J | 4.1 J | NS |
| Dibenzo(a,h)anthracene | ND(110) | ND(100) | ND(140) | 1.4 J | NS |
| Dibenzofuran | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Diethylphthalate | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Dimethylphthalate | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Di-n-Butylphthalate | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Di-n-Octylphthalate | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Fluoranthene | ND(110) | 89 J | 58 J | 3.5 J | NS |
| Fluorene | ND(110) | 78 J | 34 J | ND(10) | NS |
| Hexachlorobenzene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Hexachlorobutadiene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Hexachlorocyclopentadiene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Hexachloroethane | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Indeno(1,2,3-cd)pyrene | ND(110) | 15 J | ND(140) | 3.2 J | NS |
| Isophorone | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Naphthalene | ND(110) | 420 | 82 J | ND(10) | NS |
| Nitrobenzene | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| N-Nitroso-di-n-propylamine | ND(110) | ND(100) | ND(140) | ND(10) | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | D36 | E29 | E29 | E31 | E31 |
| Sample ID: | 2S-BH000610-0-0060 | 2S-BH000666-0-0010 | 2S-BH000666-0-0060 | 2S-BH000600-0-0000 | 2S-BH000600-0-0010 |
| Sample Depth(Feet): | 6-15 | 1-6 | 6-15 | 0-1 | 1-6 |
| Date Collected: | 05/15/02 | 05/21/02 | 05/21/02 | 04/24/02 | 04/24/02 |
| Parameter | | | | | |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Pentachlorobenzene | NS | NS | NS | NS | NS |
| Pentachlorophenol | ND(290) | ND(260) | ND(360) | ND(26) | NS |
| Phenacetin | NS | NS | NS | NS | NS |
| Phenanthrene | ND(110) | 210 | 120 J | 1.7 J | NS |
| Phenol | ND(110) | ND(100) | ND(140) | ND(10) | NS |
| Pyrene | ND(110) | 130 | 89 J | 6.6 J | NS |
| Pyridine | NS | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepone | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS | 0.000040 |
| TCDFs (total) | NS | NS | NS | NS | 0.00028 J |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS | 0.000011 J |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS | 0.000023 J |
| PeCDFs (total) | NS | NS | NS | NS | 0.00019 J |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS | 0.000019 J |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS | 0.000091 J |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS | 0.000031 J |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS | 0.000016 J |
| HxCDFs (total) | NS | NS | NS | NS | 0.00024 |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS | 0.000029 |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS | 0.000070 J |
| HpCDFs (total) | NS | NS | NS | NS | 0.000071 |
| OCDF | NS | NS | NS | NS | 0.000041 J |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS | ND(0.000013) |
| TCDDs (total) | NS | NS | NS | NS | 0.000063 |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS | 0.000031 J |
| PeCDDs (total) | NS | NS | NS | NS | 0.000036 J |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS | ND(0.000029) |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS | 0.000038 J |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS | 0.000039 J |
| HxCDDs (total) | NS | NS | NS | NS | 0.000039 |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS | 0.000032 |
| HpCDDs (total) | NS | NS | NS | NS | 0.000056 |
| OCDD | NS | NS | NS | NS | 0.000092 |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS | 0.000026 |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | D36 | E29 | E29 | E31 | E31 |
| Sample ID: | 2S-BH000610-0-0060 | 2S-BH000666-0-0010 | 2S-BH000666-0-0060 | 2S-BH000600-0-0000 | 2S-BH000600-0-0010 |
| Sample Depth(Feet): | 6-15 | 1-6 | 6-15 | 0-1 | 1-6 |
| Date Collected: | 05/15/02 | 05/21/02 | 05/21/02 | 04/24/02 | 04/24/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | NS | NS | NS | NS | NS |
| Arsenic | NS | NS | NS | NS | NS |
| Barium | NS | NS | NS | NS | NS |
| Beryllium | NS | NS | NS | NS | NS |
| Cadmium | NS | NS | NS | NS | NS |
| Chromium | NS | NS | NS | NS | NS |
| Cobalt | NS | NS | NS | NS | NS |
| Copper | NS | NS | NS | NS | NS |
| Cyanide | 3.80 J | 10.7 | 7.80 | 4.50 | 0.610 |
| Lead | NS | NS | NS | NS | NS |
| Mercury | NS | NS | NS | NS | NS |
| Nickel | NS | NS | NS | NS | NS |
| Selenium | NS | NS | NS | NS | NS |
| Silver | NS | NS | NS | NS | NS |
| Sulfide | R | 15.8 | 162 | R | R |
| Thallium | NS | NS | NS | NS | NS |
| Tin | NS | NS | NS | NS | NS |
| Vanadium | NS | NS | NS | NS | NS |
| Zinc | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | E35 | E36 | F23 | F27 | F29 |
| Sample ID: | 2S-BH000627-0-0060 | 2S-BH000593-0-0000 | 2S-BH000597-0-0000 | 2S-BH000670-0-0060 | 2S-BH000673-0-0010 |
| Sample Depth(Feet): | 6-15 | 0-1 | 0-1 | 6-15 | 1-6 |
| Parameter Date Collected: | 05/17/02 | 04/23/02 | 04/24/02 | 05/22/02 | 05/22/02 |
| Volatiles Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,1,1-Trichloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,1,2-Trichloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,1-Dichloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,1-Dichloroethene | ND(0.010) J | NS | NS | NS | NS |
| 1,2,3-Trichlorobenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,2,4-Trimethylbenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,2-Dibromoethane | ND(0.010) J | NS | NS | NS | NS |
| 1,2-Dichloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,2-Dichloropropane | ND(0.010) J | NS | NS | NS | NS |
| 1,3,5-Trimethylbenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,4-Dichlorobenzene | 0.0020 J | NS | NS | NS | NS |
| 1,4-Dioxane | R | NS | NS | NS | NS |
| 2-Butanone | 0.0040 J | NS | NS | NS | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | ND(0.010) J | NS | NS | NS | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | ND(0.010) J | NS | NS | NS | NS |
| Acetone | 0.021 J | NS | NS | NS | NS |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | ND(0.010) J | NS | NS | NS | NS |
| Bromodichloromethane | ND(0.010) J | NS | NS | NS | NS |
| Bromoform | ND(0.010) J | NS | NS | NS | NS |
| Bromomethane | ND(0.010) J | NS | NS | NS | NS |
| Carbon Disulfide | ND(0.010) J | NS | NS | NS | NS |
| Carbon Tetrachloride | ND(0.010) J | NS | NS | NS | NS |
| Chlorobenzene | 0.0020 J | NS | NS | NS | NS |
| Chloroethane | ND(0.010) J | NS | NS | NS | NS |
| Chloroform | ND(0.010) J | NS | NS | NS | NS |
| Chloromethane | ND(0.010) J | NS | NS | NS | NS |
| cis-1,2-Dichloroethene | ND(0.010) J | NS | NS | NS | NS |
| cis-1,3-Dichloropropene | ND(0.010) J | NS | NS | NS | NS |
| Dibromochloromethane | ND(0.010) J | NS | NS | NS | NS |
| Dibromomethane | ND(0.010) J | NS | NS | NS | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | ND(0.010) J | NS | NS | NS | NS |
| Freon 12 | ND(0.010) J | NS | NS | NS | NS |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | ND(0.010) J | NS | NS | NS | NS |
| m&p-Xylene | ND(0.010) J | NS | NS | NS | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | ND(0.010) J | NS | NS | NS | NS |
| Naphthalene | ND(0.010) J | NS | NS | NS | NS |
| n-Butylbenzene | ND(0.010) J | NS | NS | NS | NS |
| n-Propylbenzene | ND(0.010) J | NS | NS | NS | NS |
| o-Xylene | ND(0.010) J | NS | NS | NS | NS |
| p-Isopropyltoluene | ND(0.010) J | NS | NS | NS | NS |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | ND(0.010) J | NS | NS | NS | NS |
| Tetrachloroethene | ND(0.010) J | NS | NS | NS | NS |
| Tetrahydrofuran | R | NS | NS | NS | NS |
| Toluene | ND(0.010) J | NS | NS | NS | NS |
| trans-1,2-Dichloroethene | ND(0.010) J | NS | NS | NS | NS |
| trans-1,3-Dichloropropene | ND(0.010) J | NS | NS | NS | NS |
| Trichloroethene | ND(0.010) J | NS | NS | NS | NS |
| Trichlorofluoromethane | 0.0050 J | NS | NS | NS | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | ND(0.010) J | NS | NS | NS | NS |
| Xylenes (total) | ND(0.010) J | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B E35 2S-BH000627-0-0060 6-15 05/17/02 | 4B E36 2S-BH000593-0-0000 0-1 04/23/02 | 4B F23 2S-BH000597-0-0000 0-1 04/24/02 | 4B F27 2S-BH000670-0-0060 6-15 05/22/02 | 4B F29 2S-BH000673-0-0010 1-6 05/22/02 |
|---|---|--|--|---|--|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(4.1) | ND(11) | R | ND(12) | 35 |
| 1,2-Dichlorobenzene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 1,3-Dichlorobenzene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 1,4-Dichlorobenzene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2,4,5-Trichlorophenol | ND(10) | ND(27) | R | ND(30) | ND(30) |
| 2,4,6-Trichlorophenol | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2,4-Dichlorophenol | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2,4-Dimethylphenol | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2,4-Dinitrophenol | ND(10) | ND(27) | R | ND(30) | ND(30) |
| 2,4-Dinitrotoluene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2,6-Dinitrotoluene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2-Chloronaphthalene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2-Chlorophenol | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2-Methylnaphthalene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2-Methylphenol | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2-Nitroaniline | ND(10) | ND(27) | R | ND(30) | ND(30) |
| 2-Nitrophenol | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 3-Nitroaniline | ND(10) | ND(27) | R | ND(30) | ND(30) |
| 4,6-Dinitro-2-methylphenol | ND(10) | ND(27) | R | ND(30) | ND(30) |
| 4-Bromophenyl-phenylether | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 4-Chloro-3-Methylphenol | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 4-Chloroaniline | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 4-Chlorophenyl-phenylether | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 4-Methylphenol | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| 4-Nitroaniline | ND(10) | ND(27) | R | ND(30) | ND(30) |
| 4-Nitrophenol | ND(10) | ND(27) | R | ND(30) | ND(30) |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Acenaphthylene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | 0.77 J | 2.0 J | R | ND(12) | ND(12) |
| Benzo(a)pyrene | 0.72 J | 2.1 J | R | ND(12) | ND(12) |
| Benzo(b)fluoranthene | 0.55 J | 1.6 J | R | ND(12) | ND(12) |
| Benzo(g,h,i)perylene | 0.42 J | 1.4 J | R | ND(12) | ND(12) |
| Benzo(k)fluoranthene | 0.57 J | 2.2 J | R | ND(12) | ND(12) |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| bis(2-Chloroethyl)ether | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| bis(2-Chloroisopropyl)ether | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| bis(2-Ethylhexyl)adipate | 1.1 J | 2.6 J | R | ND(12) | ND(12) |
| bis(2-Ethylhexyl)phthalate | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Butylbenzylphthalate | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Carbazole | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Chrysene | 0.85 J | 2.2 J | R | ND(12) | ND(12) |
| Dibenzo(a,h)anthracene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Dibenzofuran | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Diethylphthalate | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Dimethylphthalate | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Di-n-Butylphthalate | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Di-n-Octylphthalate | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Fluoranthene | 1.4 J | 2.9 J | R | ND(12) | ND(12) |
| Fluorene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Hexachlorobenzene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Hexachlorobutadiene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Hexachlorocyclopentadiene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Hexachloroethane | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Indeno(1,2,3-cd)pyrene | ND(4.1) | 1.4 J | R | ND(12) | ND(12) |
| Isophorone | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Naphthalene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Nitrobenzene | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| N-Nitroso-d-n-propylamine | ND(4.1) | ND(11) | R | ND(12) | ND(12) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B E35 2S-BH000627-0-0060 6-15 05/17/02 | 4B E36 2S-BH000593-0-0000 0-1 04/23/02 | 4B F23 2S-BH000597-0-0000 0-1 04/24/02 | 4B F27 2S-BH000670-0-0060 6-15 05/22/02 | 4B F29 2S-BH000673-0-0010 1-6 05/22/02 |
|---|---|--|--|---|--|
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(4.1) | ND(11) | R | ND(12) | ND(12) |
| Pentachlorobenzene | NS | NS | NS | NS | NS |
| Pentachlorophenol | R | ND(27) | R | ND(30) | ND(30) |
| Phenacetin | NS | NS | NS | NS | NS |
| Phenanthrene | 0.96 J | 1.4 J | R | 1.6 J | ND(12) |
| Phenol | ND(4.1) | ND(11) | R | 1.4 J | ND(12) |
| Pyrene | 1.6 J | 3.7 J | R | ND(12) | ND(12) |
| Pyridine | NS | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepone | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | 0.00015 | 0.000026 | NS | NS |
| TCDFs (total) | NS | 0.0024 J | 0.00022 J | NS | NS |
| 1,2,3,7,8-PeCDF | NS | 0.000076 | 0.000010 | NS | NS |
| 2,3,4,7,8-PeCDF | NS | 0.000099 | 0.000031 | NS | NS |
| PeCDFs (total) | NS | 0.018 J | 0.00041 J | NS | NS |
| 1,2,3,4,7,8-HxCDF | NS | ND(0.00024) | 0.000037 | NS | NS |
| 1,2,3,6,7,8-HxCDF | NS | 0.00049 | 0.000022 | NS | NS |
| 1,2,3,7,8,9-HxCDF | NS | 0.00011 J | 0.0000073 | NS | NS |
| 2,3,4,6,7,8-HxCDF | NS | 0.0020 | 0.000042 | NS | NS |
| HxCDFs (total) | NS | 0.029 | 0.00056 J | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | NS | 0.0019 | 0.000060 | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | NS | 0.00013 | 0.000014 | NS | NS |
| HpCDFs (total) | NS | 0.0046 | 0.00015 | NS | NS |
| OCDF | NS | 0.00033 | 0.000059 | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | 0.0000031 | 0.00000056 | NS | NS |
| TCDDs (total) | NS | 0.000014 | 0.0000071 | NS | NS |
| 1,2,3,7,8-PeCDD | NS | 0.000017 | 0.0000039 | NS | NS |
| PeCDDs (total) | NS | 0.000063 J | 0.000027 J | NS | NS |
| 1,2,3,4,7,8-HxCDD | NS | 0.000024 J | 0.0000051 | NS | NS |
| 1,2,3,6,7,8-HxCDD | NS | 0.000021 J | 0.0000072 | NS | NS |
| 1,2,3,7,8,9-HxCDD | NS | 0.000016 J | 0.0000051 | NS | NS |
| HxCDDs (total) | NS | 0.00026 | 0.000094 | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | NS | 0.00023 | 0.000058 | NS | NS |
| HpCDDs (total) | NS | 0.00043 | 0.00013 | NS | NS |
| OCDD | NS | 0.00088 | 0.00025 | NS | NS |
| Total TEQs (WHO TEFs) | NS | 0.00083 | 0.000037 | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | E35 | E38 | F23 | F27 | F29 |
| Sample ID: | 2S-BH000627-0-0060 | 2S-BH000593-0-0000 | 2S-BH000597-0-0000 | 2S-BH000670-0-0060 | 2S-BH000673-0-0010 |
| Sample Depth(Feet): | 6-15 | 0-1 | 0-1 | 6-15 | 1-6 |
| Date Collected: | 05/17/02 | 04/23/02 | 04/24/02 | 05/22/02 | 05/22/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | NS | NS | NS | NS | NS |
| Arsenic | NS | NS | NS | NS | NS |
| Barium | NS | NS | NS | NS | NS |
| Beryllium | NS | NS | NS | NS | NS |
| Cadmium | NS | NS | NS | NS | NS |
| Chromium | NS | NS | NS | NS | NS |
| Cobalt | NS | NS | NS | NS | NS |
| Copper | NS | NS | NS | NS | NS |
| Cyanide | ND(0.570) J | 2.90 | ND(0.480) | ND(0.560) | ND(0.590) |
| Lead | NS | NS | NS | NS | NS |
| Mercury | NS | NS | NS | NS | NS |
| Nickel | NS | NS | NS | NS | NS |
| Selenium | NS | NS | NS | NS | NS |
| Silver | NS | NS | NS | NS | NS |
| Sulfide | 13.9 J | ND(8.90) J | R | ND(9.40) | ND(9.30) |
| Thallium | NS | NS | NS | NS | NS |
| Tin | NS | NS | NS | NS | NS |
| Vanadium | NS | NS | NS | NS | NS |
| Zinc | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | F29 | F31 | F31 | G27 | G27 |
| Sample ID: | 2S-BH000673-0-0060 | 2S-BH000672-0-0010 | 2S-BH000672-0-0060 | 2S-BH000671-0-0010 | 2S-BH000671-0-0060 |
| Sample Depth(Feet): | 6-15 | 1-6 | 6-15 | 1-6 | 6-15 |
| Date Collected: | 05/22/02 | 05/22/02 | 05/22/02 | 05/22/02 | 05/22/02 |
| Parameter | | | | | |
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | NS | NS | NS |
| 1,1,1-Trichloroethane | NS | NS | NS | NS | NS |
| 1,1,2-Trichloroethane | NS | NS | NS | NS | NS |
| 1,1-Dichloroethane | NS | NS | NS | NS | NS |
| 1,1-Dichloroethene | NS | NS | NS | NS | NS |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,2-Dibromoethane | NS | NS | NS | NS | NS |
| 1,2-Dichloroethane | NS | NS | NS | NS | NS |
| 1,2-Dichloropropane | NS | NS | NS | NS | NS |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | NS | NS | NS | NS | NS |
| 1,4-Dichlorobenzene | NS | NS | NS | NS | NS |
| 1,4-Dioxane | NS | NS | NS | NS | NS |
| 2-Butanone | NS | NS | NS | NS | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | NS | NS | NS | NS | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | NS | NS | NS | NS | NS |
| Acetone | NS | NS | NS | NS | NS |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | NS | NS | NS | NS | NS |
| Bromodichloromethane | NS | NS | NS | NS | NS |
| Bromoform | NS | NS | NS | NS | NS |
| Bromomethane | NS | NS | NS | NS | NS |
| Carbon Disulfide | NS | NS | NS | NS | NS |
| Carbon Tetrachloride | NS | NS | NS | NS | NS |
| Chlorobenzene | NS | NS | NS | NS | NS |
| Chloroethane | NS | NS | NS | NS | NS |
| Chloroform | NS | NS | NS | NS | NS |
| Chloromethane | NS | NS | NS | NS | NS |
| cis-1,2-Dichloroethene | NS | NS | NS | NS | NS |
| cis-1,3-Dichloropropene | NS | NS | NS | NS | NS |
| Dibromochloromethane | NS | NS | NS | NS | NS |
| Dibromomethane | NS | NS | NS | NS | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | NS | NS | NS | NS | NS |
| Freon 12 | NS | NS | NS | NS | NS |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | NS | NS | NS | NS | NS |
| m&p-Xylene | NS | NS | NS | NS | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | NS | NS | NS | NS | NS |
| Naphthalene | NS | NS | NS | NS | NS |
| n-Butylbenzene | NS | NS | NS | NS | NS |
| n-Propylbenzene | NS | NS | NS | NS | NS |
| o-Xylene | NS | NS | NS | NS | NS |
| p-Isopropyltoluene | NS | NS | NS | NS | NS |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | NS | NS | NS | NS | NS |
| Tetrachloroethene | NS | NS | NS | NS | NS |
| Tetrahydrofuran | NS | NS | NS | NS | NS |
| Toluene | NS | NS | NS | NS | NS |
| trans-1,2-Dichloroethene | NS | NS | NS | NS | NS |
| trans-1,3-Dichloropropene | NS | NS | NS | NS | NS |
| Trichloroethene | NS | NS | NS | NS | NS |
| Trichlorofluoromethane | NS | NS | NS | NS | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | NS | NS | NS | NS | NS |
| Xylenes (total) | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B F29 2S-BH000673-0-0060 6-15 05/22/02 | 4B F31 2S-BH000672-0-0010 1-6 05/22/02 | 4B F31 2S-BH000672-0-0060 6-15 05/22/02 | 4B G27 2S-BH000671-0-0010 1-6 05/22/02 | 4B G27 2S-BH000671-0-0060 6-15 05/22/02 |
|---|---|--|---|--|---|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(0.85) | 1.7 J | 1.8 J | ND(12) | ND(120) |
| 1,2-Dichlorobenzene | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 1,3-Dichlorobenzene | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 1,4-Dichlorobenzene | ND(0.85) | ND(11) | R | 3.0 J | ND(120) |
| 2,4,5-Trichlorophenol | ND(2.1) | ND(29) | ND(28) | ND(30) | ND(290) |
| 2,4,6-Trichlorophenol | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 2,4-Dichlorophenol | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 2,4-Dimethylphenol | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 2,4-Dinitrophenol | ND(2.1) | ND(29) | ND(28) | ND(30) | ND(290) |
| 2,4-Dinitrotoluene | ND(0.85) | ND(11) | R | ND(12) | ND(120) |
| 2,6-Dinitrotoluene | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 2-Chloronaphthalene | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 2-Chlorophenol | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 2-Methylnaphthalene | 0.088 J | 2.3 J | 1.3 J | ND(12) | ND(120) |
| 2-Methylphenol | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 2-Nitroaniline | ND(2.1) | ND(29) | ND(28) | ND(30) | ND(290) |
| 2-Nitrophenol | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 3-Nitroaniline | ND(2.1) | ND(29) | ND(28) | ND(30) | ND(290) |
| 4,6-Dinitro-2-methylphenol | ND(2.1) | ND(29) | ND(28) | ND(30) | ND(290) |
| 4-Bromophenyl-phenylether | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 4-Chloro-3-Methylphenol | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 4-Chloroaniline | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 4-Chlorophenyl-phenylether | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 4-Methylphenol | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| 4-Nitroaniline | ND(2.1) | ND(29) | ND(28) | ND(30) | ND(290) |
| 4-Nitrophenol | ND(2.1) | ND(29) | ND(28) | ND(30) | ND(290) |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | ND(0.85) | 1.6 J | ND(11) | ND(12) | ND(120) |
| Acenaphthylene | ND(0.85) | 6.5 J | ND(11) | ND(12) | ND(120) |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | ND(0.85) | 4.8 J | ND(11) | ND(12) | ND(120) |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | ND(0.85) | 3.7 J | ND(11) | 2.1 J | ND(120) |
| Benzo(a)pyrene | ND(0.85) | 2.9 J | ND(11) | 2.1 J | ND(120) |
| Benzo(b)fluoranthene | ND(0.85) | 1.5 J | ND(11) | 2.1 J | ND(120) |
| Benzo(g,h,i)perylene | ND(0.85) | 1.6 J | ND(11) | 1.3 J | ND(120) |
| Benzo(k)fluoranthene | ND(0.85) | 2.0 J | ND(11) | 2.0 J | ND(120) |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| bis(2-Chloroethyl)ether | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| bis(2-Chloroisopropyl)ether | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| bis(2-Ethylhexyl)adipate | 1.2 | ND(11) | ND(11) | ND(12) J | ND(120) J |
| bis(2-Ethylhexyl)phthalate | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Butylbenzylphthalate | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Carbazole | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Chrysene | ND(0.85) | 3.8 J | ND(11) | 2.4 J | ND(120) |
| Dibenzo(a,h)anthracene | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Dibenzofuran | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Diethylphthalate | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Dimethylphthalate | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Di-n-Butylphthalate | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Di-n-Octylphthalate | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Fluoranthene | ND(0.85) | 6.6 J | ND(11) | 5.2 J | ND(120) |
| Fluorene | ND(0.85) | 8.5 J | ND(11) | ND(12) | ND(120) |
| Hexachlorobenzene | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Hexachlorobutadiene | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Hexachlorocyclopentadiene | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Hexachloroethane | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Indeno(1,2,3-cd)pyrene | ND(0.85) | 1.4 J | ND(11) | 1.4 J | ND(120) |
| Isophorone | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Naphthalene | ND(0.85) | 9.0 J | 1.6 J | ND(12) | ND(120) |
| Nitrobenzene | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| N-Nitroso-di-n-propylamine | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B F29 2S-BH000673-0-0060 6-15 05/22/02 | 4B F31 2S-BH000672-0-0010 1-6 05/22/02 | 4B F31 2S-BH000672-0-0060 6-15 05/22/02 | 4B G27 2S-BH000671-0-0010 1-6 05/22/02 | 4B G27 2S-BH000671-0-0060 6-15 05/22/02 |
|---|---|--|---|--|---|
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(0.55) | ND(11) | ND(11) | ND(12) | ND(120) |
| Pentachlorobenzene | NS | NS | NS | NS | NS |
| Pentachlorophenol | ND(2.1) | ND(29) | R | ND(30) | ND(290) |
| Phenacetin | NS | NS | NS | NS | NS |
| Phenanthrene | ND(0.85) | 13 | 1.7 J | 3.4 J | ND(120) |
| Phenol | ND(0.85) | ND(11) | ND(11) | ND(12) | ND(120) |
| Pyrene | ND(0.85) | 10 J | 1.2 J | 4.8 J | ND(120) |
| Pyridine | NS | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepone | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS | NS |
| TCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS | NS |
| PeCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| HxCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS | NS |
| HpCDFs (total) | NS | NS | NS | NS | NS |
| OCDF | NS | NS | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS | NS |
| TCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS | NS |
| PeCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS | NS |
| HxCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS | NS |
| HpCDDs (total) | NS | NS | NS | NS | NS |
| OCDD | NS | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | F29 | F31 | F31 | G27 | G27 |
| Sample ID: | 2S-BH000673-0-0060 | 2S-BH000672-0-0010 | 2S-BH000672-0-0060 | 2S-BH000671-0-0010 | 2S-BH000671-0-0060 |
| Sample Depth(Feet): | 6-15 | 1-6 | 6-15 | 1-6 | 6-15 |
| Parameter | Date Collected: | 05/22/02 | 05/22/02 | 05/22/02 | 05/22/02 |
| Inorganics | | | | | |
| Antimony | NS | NS | NS | NS | NS |
| Arsenic | NS | NS | NS | NS | NS |
| Barium | NS | NS | NS | NS | NS |
| Beryllium | NS | NS | NS | NS | NS |
| Cadmium | NS | NS | NS | NS | NS |
| Chromium | NS | NS | NS | NS | NS |
| Cobalt | NS | NS | NS | NS | NS |
| Copper | NS | NS | NS | NS | NS |
| Cyanide | ND(0.520) | 3.30 | 0.560 | ND(0.510) | 0.500 |
| Lead | NS | NS | NS | NS | NS |
| Mercury | NS | NS | NS | NS | NS |
| Nickel | NS | NS | NS | NS | NS |
| Selenium | NS | NS | NS | NS | NS |
| Silver | NS | NS | NS | NS | NS |
| Sulfide | ND(9.90) | ND(7.80) | ND(8.20) | ND(7.90) | ND(8.10) |
| Thallium | NS | NS | NS | NS | NS |
| Tin | NS | NS | NS | NS | NS |
| Vanadium | NS | NS | NS | NS | NS |
| Zinc | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | H29 | H29 | I21 | I23 | I23 |
| Sample ID: | 2S-BH000674-0-0010 | 2S-BH000674-0-0060 | 2S-BH000590-0-0000 | 2S-BH000601-0-0000 | 2S-BH000601-0-0060 |
| Sample Depth(Feet): | 1-6 | 6-15 | 0-1 | 0-1 | 6-15 |
| Parameter | Date Collected: | 05/22/02 | 05/22/02 | 04/22/02 | 04/25/02 |
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | NS | NS | NS |
| 1,1,1-Trichloroethane | NS | NS | NS | NS | NS |
| 1,1,2-Trichloroethane | NS | NS | NS | NS | NS |
| 1,1-Dichloroethane | NS | NS | NS | NS | NS |
| 1,1-Dichloroethene | NS | NS | NS | NS | NS |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,2-Dibromoethane | NS | NS | NS | NS | NS |
| 1,2-Dichloroethane | NS | NS | NS | NS | NS |
| 1,2-Dichloropropane | NS | NS | NS | NS | NS |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | NS | NS | NS | NS | NS |
| 1,4-Dichlorobenzene | NS | NS | NS | NS | NS |
| 1,4-Dioxane | NS | NS | NS | NS | NS |
| 2-Butanone | NS | NS | NS | NS | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | NS | NS | NS | NS | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | NS | NS | NS | NS | NS |
| Acetone | NS | NS | NS | NS | NS |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | NS | NS | NS | NS | NS |
| Bromodichloromethane | NS | NS | NS | NS | NS |
| Bromoform | NS | NS | NS | NS | NS |
| Bromomethane | NS | NS | NS | NS | NS |
| Carbon Disulfide | NS | NS | NS | NS | NS |
| Carbon Tetrachloride | NS | NS | NS | NS | NS |
| Chlorobenzene | NS | NS | NS | NS | NS |
| Chloroethane | NS | NS | NS | NS | NS |
| Chloroform | NS | NS | NS | NS | NS |
| Chloromethane | NS | NS | NS | NS | NS |
| cis-1,2-Dichloroethene | NS | NS | NS | NS | NS |
| cis-1,3-Dichloropropene | NS | NS | NS | NS | NS |
| Dibromochloromethane | NS | NS | NS | NS | NS |
| Dibromomethane | NS | NS | NS | NS | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | NS | NS | NS | NS | NS |
| Freon 12 | NS | NS | NS | NS | NS |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | NS | NS | NS | NS | NS |
| m&p-Xylene | NS | NS | NS | NS | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | NS | NS | NS | NS | NS |
| Naphthalene | NS | NS | NS | NS | NS |
| n-Butylbenzene | NS | NS | NS | NS | NS |
| n-Propylbenzene | NS | NS | NS | NS | NS |
| o-Xylene | NS | NS | NS | NS | NS |
| p-Isopropyltoluene | NS | NS | NS | NS | NS |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | NS | NS | NS | NS | NS |
| Tetrachloroethene | NS | NS | NS | NS | NS |
| Tetrahydrofuran | NS | NS | NS | NS | NS |
| Toluene | NS | NS | NS | NS | NS |
| trans-1,2-Dichloroethene | NS | NS | NS | NS | NS |
| trans-1,3-Dichloropropene | NS | NS | NS | NS | NS |
| Trichloroethene | NS | NS | NS | NS | NS |
| Trichlorofluoromethane | NS | NS | NS | NS | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | NS | NS | NS | NS | NS |
| Xylenes (total) | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|------------------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|
| Location ID: | H29 | H29 | I21 | I23 | I23 |
| Sample ID: | 2S-BH000674-0-0010 | 2S-BH000674-0-0060 | 2S-BH000590-0-0000 | 2S-BH000601-0-0000 | 2S-BH000601-0-0060 |
| Sample Depth(Feet): | 1-6 | 6-15 | 0-1 | 0-1 | 6-15 |
| Parameter | Date Collected: | 05/22/02 | 05/22/02 | 04/22/02 | 04/25/02 |
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 1,2-Dichlorobenzene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 1,3-Dichlorobenzene | 2.0 J | 0.73 J | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 1,4-Dichlorobenzene | 2.6 J | 1.5 J | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2,4,5-Trichlorophenol | ND(29) | ND(12) | ND(2.0) | ND(1.9) | ND(320) J [ND(310) J] |
| 2,4,6-Trichlorophenol | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2,4-Dichlorophenol | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2,4-Dimethylphenol | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2,4-Dinitrophenol | ND(29) | ND(12) | ND(2.0) | ND(1.9) | ND(320) J [ND(310) J] |
| 2,4-Dinitrotoluene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2,5-Dinitrotoluene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2-Chloronaphthalene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | 36 J [25 J] |
| 2-Chlorophenol | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2-Methylnaphthalene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2-Methylphenol | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2-Nitroaniline | ND(29) | ND(12) | ND(2.0) | ND(1.9) | ND(320) J [ND(310) J] |
| 2-Nitrophenol | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 3-Nitroaniline | ND(29) | ND(12) | ND(2.0) | ND(1.9) | ND(320) J [ND(310) J] |
| 4,6-Dinitro-2-methylphenol | ND(29) | ND(12) | ND(2.0) | ND(1.9) | ND(320) J [ND(310) J] |
| 4-Bromophenyl-phenylether | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 4-Chloro-3-Methylphenol | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 4-Chloroaniline | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 4-Chlorophenyl-phenylether | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| 4-Methylphenol | ND(11) | ND(4.8) | 0.098 J | ND(0.76) | ND(130) J [ND(120) J] |
| 4-Nitroaniline | ND(29) | ND(12) | ND(2.0) | ND(1.9) | ND(320) J [ND(310) J] |
| 4-Nitrophenol | ND(29) | ND(12) | ND(2.0) | ND(1.9) | ND(320) J [ND(310) J] |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Acenaphthylene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | ND(11) | ND(4.8) | 0.31 J | 0.28 J | ND(130) J [ND(120) J] |
| Benzo(a)pyrene | ND(11) | ND(4.8) | 0.35 J | 0.29 J | ND(130) J [ND(120) J] |
| Benzo(b)fluoranthene | ND(11) | ND(4.8) | 0.33 J | 0.33 J | ND(130) J [ND(120) J] |
| Benzo(g,h,i)perylene | ND(11) | ND(4.8) | 0.18 J | ND(0.76) | ND(130) J [ND(120) J] |
| Benzo(k)fluoranthene | ND(11) | ND(4.8) | 0.42 J | 0.27 J | ND(130) J [ND(120) J] |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| bis(2-Chloroethyl)ether | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| bis(2-Chloroisopropyl)ether | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| bis(2-Ethylhexyl)adipate | 2.2 J | 0.95 J | ND(0.80) | 0.37 J | ND(130) J [ND(120) J] |
| bis(2-Ethylhexyl)phthalate | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Butylbenzylphthalate | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Carbazole | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Chrysene | 1.3 J | ND(4.8) | 0.40 J | 0.31 J | ND(130) J [ND(120) J] |
| Dibenzo(a,h)anthracene | ND(11) | ND(4.8) | 0.084 J | 0.088 J | ND(130) J [ND(120) J] |
| Dibenzofuran | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Diethylphthalate | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Dimethylphthalate | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Di-n-Butylphthalate | ND(11) | 0.67 J | 0.70 J | 0.33 J | ND(130) J [ND(120) J] |
| Di-n-Octylphthalate | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Fluoranthene | 2.7 J | 0.72 J | 0.71 J | 0.65 J | ND(130) J [ND(120) J] |
| Fluorene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Hexachlorobenzene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Hexachlorobutadiene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Hexachlorocyclopentadiene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Hexachloroethane | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| indeno(1,2,3-cd)pyrene | ND(11) | ND(4.8) | 0.22 J | 0.22 J | ND(130) J [ND(120) J] |
| Isophorone | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Naphthalene | ND(11) | 0.52 J | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| Nitrobenzene | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |
| N-Nitroso-di-n-propylamine | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | ND(130) J [ND(120) J] |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|--|--------------------|--------------------|--------------------|--------------------|-----------------------|
| Location ID: | H29 | H29 | I21 | I23 | I23 |
| Sample ID: | 2S-BH000674-0-0010 | 2S-BH000674-0-0060 | 2S-BH000590-0-0000 | 2S-BH000601-0-0000 | 2S-BH000601-0-0060 |
| Sample Depth(Feet): | 1-6 | 6-15 | 0-1 | 0-1 | 6-15 |
| Parameter | Date Collected: | 05/22/02 | 05/22/02 | 04/22/02 | 04/25/02 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(11) | ND(4.8) | ND(0.80) | ND(0.76) | 24 J [20 J] |
| Pentachlorobenzene | NS | NS | NS | NS | NS |
| Pentachlorophenol | ND(29) | ND(12) | ND(2.0) | ND(1.9) | ND(320) J [ND(315) J] |
| Phenacetin | NS | NS | NS | NS | NS |
| Phenanthrene | 2.0 J | 0.48 J | 0.33 J | 0.26 J | ND(130) J [ND(120) J] |
| Phenol | ND(11) | ND(4.8) | 0.26 J | ND(0.76) | 22 J [14 J] |
| Pyrene | 2.3 J | 0.70 J | 0.64 J | 0.59 J | ND(130) J [ND(120) J] |
| Pyridine | NS | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepone | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | NS | 0.000059 | NS | 0.00013 |
| TCDFs (total) | NS | NS | 0.00047 | NS | 0.00092 J |
| 1,2,3,7,8-PeCDF | NS | NS | 0.000025 | NS | 0.000040 |
| 2,3,4,7,8-PeCDF | NS | NS | 0.000087 | NS | 0.00012 |
| PeCDFs (total) | NS | NS | 0.0015 | NS | 0.0014 J |
| 1,2,3,4,7,8-HxCDF | NS | NS | 0.000057 | NS | 0.00012 |
| 1,2,3,6,7,8-HxCDF | NS | NS | 0.000050 | NS | 0.000063 |
| 1,2,3,7,8,9-HxCDF | NS | NS | 0.000014 | NS | 0.000015 |
| 2,3,4,6,7,8-HxCDF | NS | NS | 0.00011 | NS | 0.00011 |
| HxCDFs (total) | NS | NS | 0.0016 | NS | 0.0016 J |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | 0.00014 | NS | 0.00019 |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | 0.00015 | NS | 0.000045 |
| HpCDFs (total) | NS | NS | 0.00032 | NS | 0.00045 |
| OCDF | NS | NS | 0.000090 | NS | 0.00029 |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | NS | 0.0000066 | NS | 0.0000014 |
| TCDDs (total) | NS | NS | 0.0000061 | NS | 0.000038 |
| 1,2,3,7,8-PeCDD | NS | NS | 0.000027 | NS | 0.000047 |
| PeCDDs (total) | NS | NS | 0.000016 | NS | 0.000057 J |
| 1,2,3,4,7,8-HxCDD | NS | NS | 0.000020 J | NS | 0.000044 |
| 1,2,3,6,7,8-HxCDD | NS | NS | 0.000045 | NS | 0.000061 |
| 1,2,3,7,8,9-HxCDD | NS | NS | 0.000034 | NS | 0.000054 |
| HxCDDs (total) | NS | NS | 0.000050 | NS | 0.000099 |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | 0.000066 | NS | 0.000069 |
| HpCDDs (total) | NS | NS | 0.00012 | NS | 0.00014 |
| OCDD | NS | NS | 0.00050 | NS | 0.00037 |
| Total TEQs (WHO TEFs) | NS | NS | 0.000081 | NS | 0.00012 |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|
| Location ID: | H29 | H29 | I21 | I23 | I23 |
| Sample ID: | 2S-BH000674-0-0010 | 2S-BH000674-0-0060 | 2S-BH000590-0-0000 | 2S-BH000601-0-0000 | 2S-BH000601-0-0060 |
| Sample Depth(Feet): | 1-6 | 6-15 | 0-1 | 0-1 | 6-15 |
| Parameter | Date Collected: | 05/22/02 | 05/22/02 | 04/22/02 | 04/25/02 |
| Inorganics | | | | | |
| Antimony | NS | NS | NS | NS | NS |
| Arsenic | NS | NS | NS | NS | NS |
| Barium | NS | NS | NS | NS | NS |
| Beryllium | NS | NS | NS | NS | NS |
| Cadmium | NS | NS | NS | NS | NS |
| Chromium | NS | NS | NS | NS | NS |
| Cobalt | NS | NS | NS | NS | NS |
| Copper | NS | NS | NS | NS | NS |
| Cyanide | ND(0.560) | ND(0.640) | ND(0.560) | ND(0.560) | ND(0.620) [ND(0.640)] |
| Lead | NS | NS | NS | NS | NS |
| Mercury | NS | NS | NS | NS | NS |
| Nickel | NS | NS | NS | NS | NS |
| Selenium | NS | NS | NS | NS | NS |
| Silver | NS | NS | NS | NS | NS |
| Sulfide | ND(8.90) | ND(10.1) | ND(8.30) J | R | R |
| Thallium | NS | NS | NS | NS | NS |
| Tin | NS | NS | NS | NS | NS |
| Vanadium | NS | NS | NS | NS | NS |
| Zinc | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B I25 2S-BH000690-0-0010 1-6 06/03/02 | 4B I25 2S-BH000690-0-0060 6-15 06/03/02 | 4B K21 2S-BH000692-0-0060 6-15 06/03/02 | 4B K21 2S-BH000692-0-0120 12-14 06/03/02 | 4B K23 2S-BH000602-0-0000 0-1 04/25/02 |
|---|--|---|---|--|--|
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | NS | ND(0.52) | NS |
| 1,1,1-Trichloroethane | NS | NS | NS | ND(0.52) | NS |
| 1,1,2-Trichloroethane | NS | NS | NS | ND(0.52) | NS |
| 1,1-Dichloroethane | NS | NS | NS | ND(0.52) | NS |
| 1,1-Dichloroethane | NS | NS | NS | ND(0.52) | NS |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | NS | NS | NS | ND(0.52) | NS |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,2-Dibromoethane | NS | NS | NS | ND(0.52) | NS |
| 1,2-Dichloroethane | NS | NS | NS | ND(0.52) | NS |
| 1,2-Dichloropropane | NS | NS | NS | ND(0.52) | NS |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | NS | NS | NS | ND(0.52) | NS |
| 1,4-Dichlorobenzene | NS | NS | NS | ND(0.52) | NS |
| 1,4-Dioxane | NS | NS | NS | R | NS |
| 2-Butanone | NS | NS | NS | R | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | ND(0.52) | NS |
| 2-Chloroethylvinylether | NS | NS | NS | ND(0.52) | NS |
| 2-Hexanone | NS | NS | NS | ND(0.52) | NS |
| 3-Chloropropene | NS | NS | NS | ND(0.52) | NS |
| 4-Methyl-2-pentanone | NS | NS | NS | ND(0.52) | NS |
| Acetone | NS | NS | NS | R | NS |
| Acrolein | NS | NS | NS | R | NS |
| Acrylonitrile | NS | NS | NS | ND(0.52) | NS |
| Benzene | NS | NS | NS | ND(0.52) | NS |
| Bromodichloromethane | NS | NS | NS | ND(0.52) | NS |
| Bromoform | NS | NS | NS | ND(0.52) | NS |
| Bromomethane | NS | NS | NS | ND(0.52) | NS |
| Carbon Disulfide | NS | NS | NS | ND(0.52) | NS |
| Carbon Tetrachloride | NS | NS | NS | ND(0.52) | NS |
| Chlorobenzene | NS | NS | NS | 3.9 | NS |
| Chloroethane | NS | NS | NS | ND(0.52) | NS |
| Chloroform | NS | NS | NS | ND(0.52) | NS |
| Chloromethane | NS | NS | NS | ND(0.52) | NS |
| cis-1,2-Dichloroethene | NS | NS | NS | ND(0.52) | NS |
| cis-1,3-Dichloropropene | NS | NS | NS | ND(0.52) | NS |
| Dibromochloromethane | NS | NS | NS | ND(0.52) | NS |
| Dibromomethane | NS | NS | NS | ND(0.52) | NS |
| Ethyl Methacrylate | NS | NS | NS | ND(0.52) | NS |
| Ethylbenzene | NS | NS | NS | ND(0.52) | NS |
| Freon 12 | NS | NS | NS | ND(0.52) | NS |
| Iodomethane | NS | NS | NS | ND(0.52) J | NS |
| Isobutanol | NS | NS | NS | R | NS |
| Isopropylbenzene | NS | NS | NS | NS | NS |
| m&p-Xylene | NS | NS | NS | ND(0.52) | NS |
| Methacrylonitrile | NS | NS | NS | ND(0.52) | NS |
| Methyl Methacrylate | NS | NS | NS | ND(0.52) | NS |
| Methylene Chloride | NS | NS | NS | ND(0.52) | NS |
| Naphthalene | NS | NS | NS | ND(0.52) | NS |
| n-Butylbenzene | NS | NS | NS | NS | NS |
| n-Propylbenzene | NS | NS | NS | NS | NS |
| o-Xylene | NS | NS | NS | 0.11 J | NS |
| p-Isopropyltoluene | NS | NS | NS | NS | NS |
| Propionitrile | NS | NS | NS | R | NS |
| Styrene | NS | NS | NS | ND(0.52) | NS |
| Tetrachloroethane | NS | NS | NS | ND(0.52) | NS |
| Tetrahydrofuran | NS | NS | NS | NS | NS |
| Toluene | NS | NS | NS | ND(0.52) | NS |
| trans-1,2-Dichloroethene | NS | NS | NS | ND(0.52) | NS |
| trans-1,3-Dichloropropene | NS | NS | NS | ND(0.52) | NS |
| Trichloroethene | NS | NS | NS | ND(0.52) | NS |
| Trichlorofluoromethane | NS | NS | NS | ND(0.52) | NS |
| Vinyl Acetate | NS | NS | NS | ND(0.52) | NS |
| Vinyl Chloride | NS | NS | NS | ND(0.52) | NS |
| Xylenes (total) | NS | NS | NS | 0.11 J | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | I25 | I25 | K21 | K21 | K23 |
| Sample ID: | 2S-BH000690-0-0010 | 2S-BH000690-0-0060 | 2S-BH000692-0-0060 | 2S-BH000692-0-0120 | 2S-BH000602-0-0000 |
| Sample Depth(Feet): | 1-6 | 6-15 | 6-15 | 12-14 | 0-1 |
| Parameter | Date Collected: | 06/03/02 | 06/03/02 | 06/03/02 | 06/03/02 |
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 38 | 0.81 J | ND(2.0) | NS | NS |
| 1,2,4-Trichlorobenzene | 170 | 10 | ND(2.0) | NS | ND(3.6) |
| 1,2-Dichlorobenzene | 0.73 J | 2.8 | 0.17 J | NS | ND(3.6) |
| 1,3-Dichlorobenzene | 4.0 | 15 | 0.40 J | NS | ND(3.6) |
| 1,4-Dichlorobenzene | 5.9 J | 49 J | 0.95 J | NS | ND(3.6) |
| 2,4,5-Trichlorophenol | ND(9.6) J | ND(5.0) J | ND(5.1) J | NS | ND(9.1) |
| 2,4,6-Trichlorophenol | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 2,4-Dichlorophenol | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 2,4-Dimethylphenol | 0.61 J | 2.3 | ND(2.0) | NS | ND(3.6) |
| 2,4-Dinitrophenol | ND(9.6) | ND(5.0) J | ND(5.1) J | NS | ND(9.1) |
| 2,4-Dinitrotoluene | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 2,6-Dinitrotoluene | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 2-Chloronaphthalene | ND(3.8) J | ND(2.0) J | ND(2.0) J | NS | ND(3.6) |
| 2-Chlorophenol | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 2-Methylnaphthalene | 2.0 J | 0.41 J | 1.4 J | NS | ND(3.6) |
| 2-Methylphenol | 3.4 J | 0.75 J | ND(2.0) | NS | ND(3.6) |
| 2-Nitroaniline | ND(9.6) | ND(5.0) | ND(5.1) | NS | ND(9.1) |
| 2-Nitrophenol | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 2-Picoline | ND(3.8) | ND(2.0) | ND(2.0) | NS | NS |
| 3,3'-Dichlorobenzidine | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 3-Nitroaniline | ND(9.6) | ND(5.0) | ND(5.1) | NS | ND(9.1) |
| 4,6-Dinitro-2-methylphenol | ND(9.6) | ND(5.0) | ND(5.1) | NS | ND(9.1) |
| 4-Bromophenyl-phenylether | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 4-Chloro-3-Methylphenol | ND(3.8) J | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 4-Chloroaniline | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 4-Chlorophenyl-phenylether | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| 4-Methylphenol | 1.2 J | 3.1 | 0.50 J | NS | ND(3.6) |
| 4-Nitroaniline | ND(9.6) | ND(5.0) | ND(5.1) | NS | ND(9.1) |
| 4-Nitrophenol | ND(9.6) | ND(5.0) J | ND(5.1) J | NS | ND(9.1) |
| 4-Nitroquinoline-1-oxide | R | R | R | NS | NS |
| 4-Phenylenediamine | R | R | R | NS | NS |
| Acenaphthene | 6.4 | 1.2 J | 3.5 | NS | ND(3.6) |
| Acenaphthylene | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Acetophenone | 0.38 J | ND(2.0) | ND(2.0) | NS | NS |
| Aniline | 6.2 J | ND(5.0) | ND(5.1) | NS | NS |
| Anthracene | 6.7 | 0.72 J | 2.0 J | NS | ND(3.6) |
| Aramite | ND(3.8) | ND(2.0) | ND(2.0) | NS | NS |
| Benzo(a)anthracene | 16 | 1.9 J | 1.4 J | NS | ND(3.6) |
| Benzo(a)pyrene | 15 | 1.7 J | 0.92 J | NS | ND(3.6) |
| Benzo(b)fluoranthene | 19 | 1.7 J | 0.69 J | NS | ND(3.6) |
| Benzo(g,h,i)perylene | 9.2 | 0.93 J | 0.42 J | NS | ND(3.6) |
| Benzo(k)fluoranthene | 15 | 2.1 | 0.58 J | NS | ND(3.6) |
| Benzyl Alcohol | ND(3.8) | ND(2.0) J | ND(2.0) J | NS | NS |
| bis(2-Chloroethoxy)methane | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| bis(2-Chloroethyl)ether | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| bis(2-Chloroisopropyl)ether | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| bis(2-Ethylhexyl)adipate | NS | NS | NS | NS | 1.6 J |
| bis(2-Ethylhexyl)phthalate | 20 J | 0.67 J | ND(2.0) | NS | ND(3.6) |
| Butylbenzylphthalate | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Carbazole | NS | NS | NS | NS | ND(3.6) |
| Chrysene | 19 | 2.2 | 1.6 J | NS | ND(3.6) |
| Dibenzo(a,h)anthracene | 4.3 | 0.36 J | 0.13 J | NS | ND(3.6) |
| Dibenzofuran | 3.1 J | 0.68 J | 0.70 J | NS | ND(3.6) |
| Diethylphthalate | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Dimethylphthalate | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Di-n-Butylphthalate | 38 | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Di-n-Octylphthalate | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Fluoranthene | 36 | 7.0 | 3.8 | NS | 0.47 J |
| Fluorene | 4.1 | 1.0 J | ND(2.0) | NS | ND(3.6) |
| Hexachlorobenzene | 3.6 J | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Hexachlorobutadiene | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Hexachlorocyclopentadiene | R | R | R | NS | ND(3.6) |
| Hexachloroethane | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Indeno(1,2,3-cd)pyrene | 8.8 | 0.87 J | 0.32 J | NS | ND(3.6) |
| Isophorone | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Naphthalene | 4.2 | 0.46 J | 0.81 J | NS | ND(3.6) |
| Nitrobenzene | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| N-Nitroso-d,n-propylamine | ND(3.8) | ND(2.0) | ND(2.0) | NS | ND(3.6) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | I25 | I25 | K21 | K21 | K23 |
| Sample ID: | 2S-BH000690-0-0010 | 2S-BH000690-0-0060 | 2S-BH000692-0-0060 | 2S-BH000692-0-0120 | 2S-BH000602-0-0000 |
| Sample Depth(Feet): | 1-6 | 6-15 | 6-15 | 12-14 | 0-1 |
| Parameter | Date Collected: | 06/03/02 | 06/03/02 | 06/03/02 | 04/25/02 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | 15 | ND(2.0) | ND(2.0) | NS | ND(3.6) |
| Pentachlorobenzene | 100 | 0.58 J | ND(2.0) | NS | NS |
| Pentachlorophenol | ND(9.6) | ND(5.0) | ND(5.1) | NS | ND(6.1) |
| Phenacetin | ND(3.8) | ND(2.0) | ND(2.0) | NS | NS |
| Phenanthrene | 22 | 4.2 | 8.2 | NS | ND(3.6) |
| Phenol | 40 | 3.4 | 0.28 J | NS | ND(3.6) |
| Pyrene | 53 | 4.9 | 4.8 | NS | 0.46 J |
| Pyridine | ND(3.8) | ND(2.0) | ND(2.0) | NS | NS |
| Safrole | ND(3.8) J | ND(2.0) J | ND(2.0) J | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepona | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | NS | NS |
| TCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | NS | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | NS | NS | NS | NS | NS |
| PeCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | NS | NS |
| HxCDFs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | NS | NS |
| HpCDFs (total) | NS | NS | NS | NS | NS |
| OCDF | NS | NS | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | NS | NS |
| TCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | NS | NS | NS | NS | NS |
| PeCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | NS | NS |
| HxCDDs (total) | NS | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | NS | NS |
| HpCDDs (total) | NS | NS | NS | NS | NS |
| OCDD | NS | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4B | 4B | 4B |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | I25 | I25 | K21 | K21 | K23 |
| Sample ID: | 2S-BH000690-0-0010 | 2S-BH000690-0-0060 | 2S-BH000692-0-0060 | 2S-BH000692-0-0120 | 2S-BH000602-0-0000 |
| Sample Depth(Feet): | 1-6 | 6-15 | 6-15 | 12-14 | 0-1 |
| Parameter | Date Collected: | 06/03/02 | 06/03/02 | 06/03/02 | 06/03/02 |
| Date Collected: | 06/03/02 | 06/03/02 | 06/03/02 | 06/03/02 | 04/25/02 |
| Inorganics | | | | | |
| Antimony | ND(1.30) | NS | NS | NS | NS |
| Arsenic | 6.40 | NS | NS | NS | NS |
| Barium | 81.9 | NS | NS | NS | NS |
| Beryllium | 0.180 J | NS | NS | NS | NS |
| Cadmium | 2.00 | NS | NS | NS | NS |
| Chromium | 123 | NS | NS | NS | NS |
| Cobalt | 8.50 | NS | NS | NS | NS |
| Copper | 127 | NS | NS | NS | NS |
| Cyanide | ND(0.560) | NS | NS | NS | ND(0.520) |
| Lead | 846 J | NS | NS | NS | NS |
| Mercury | 3.40 | NS | NS | NS | NS |
| Nickel | 289 | NS | NS | NS | NS |
| Selenium | ND(1.70) | NS | NS | NS | NS |
| Silver | ND(0.890) | NS | NS | NS | NS |
| Sulfide | ND(9.20) | NS | NS | NS | 9.90 J |
| Thallium | ND(0.380) | NS | NS | NS | NS |
| Tin | 9.50 | NS | NS | NS | NS |
| Vanadium | 108 | NS | NS | NS | NS |
| Zinc | 1610 | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B K25 2S-BH000689-0-0010 1-6 06/03/02 | 4B X-16 2S-BH000350-0-0060 6-15 01/31/01 | 4D E38 2S-BH000608-0-0060 6-15 05/14/02 | 4D E39 2S-BH000607-0-0010 1-6 05/14/02 | 4D F36 2S-BH000609-0-0010 1-6 05/14/02 |
|---|--|--|---|--|--|
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,1,1-Trichloroethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,1,2-Trichloroethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,1-Dichloroethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,1-Dichloroethene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2,3-Trichlorobenzene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2,4-Trichlorobenzene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2,4-Trimethylbenzene | NS | NS | 0.093 J | 0.0010 J | ND(0.010) J |
| 1,2-Dibromoethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2-Dichloroethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,2-Dichloropropane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,3,5-Trimethylbenzene | NS | NS | 0.035 J | 0.0090 J | ND(0.010) J |
| 1,3-Dichlorobenzene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,4-Dichlorobenzene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 1,4-Dioxane | NS | NS | R | R | R |
| 2-Butanone | NS | NS | 0.0040 J | 0.0010 J | ND(0.010) J |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Acetone | NS | NS | 0.022 J | ND(0.010) J | ND(0.010) J |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | NS | NS | 0.13 J | ND(0.010) J | ND(0.010) J |
| Bromodichloromethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Bromoform | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Bromomethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Carbon Disulfide | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Carbon Tetrachloride | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Chlorobenzene | NS | NS | 0.0020 J | ND(0.010) J | ND(0.010) J |
| Chloroethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Chloroform | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Chloromethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| cis-1,2-Dichloroethene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| cis-1,3-Dichloropropene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Dibromochloromethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Dibromomethane | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | NS | NS | 0.15 J | ND(0.010) J | ND(0.010) J |
| Freon 12 | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | NS | NS | 0.017 J | ND(0.010) J | ND(0.010) J |
| m&p-Xylene | NS | NS | 0.12 J | ND(0.010) J | ND(0.010) J |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Naphthalene | NS | NS | 0.80 J | ND(0.010) J | 0.032 J |
| n-Butylbenzene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| n-Propylbenzene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| o-Xylene | NS | NS | 0.086 J | ND(0.010) J | ND(0.010) J |
| p-Isopropyltoluene | NS | NS | 0.012 J | ND(0.010) J | ND(0.010) J |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Tetrachloroethene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Tetrahydrofuran | NS | NS | R | R | R |
| Toluene | NS | NS | 0.014 J | ND(0.010) J | ND(0.010) J |
| trans-1,2-Dichloroethene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| trans-1,3-Dichloropropene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Trichloroethene | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Trichlorofluoromethane | NS | NS | 0.0060 J | 0.0070 J | 0.0070 J |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | NS | NS | ND(0.010) J | ND(0.010) J | ND(0.010) J |
| Xylenes (total) | NS | NS | 0.26 J | ND(0.010) J | ND(0.010) J |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4B K25 2S-BH000689-0-0010 1-6 06/03/02 | 4B X-16 2S-BH000350-0-0060 6-15 01/31/01 | 4D E38 2S-BH000608-0-0060 6-15 05/14/02 | 4D E39 2S-BH000607-0-0010 1-6 05/14/02 | 4D F36 2S-BH000609-0-0010 1-6 05/14/02 |
|---|--|--|---|--|--|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | 6.2 | ND(0.36) | NS | NS | NS |
| 1,2,4-Trichlorobenzene | 36 | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) J |
| 1,2-Dichlorobenzene | 1.0 J | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 1,3-Dichlorobenzene | 14 | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 1,4-Dichlorobenzene | 36 J | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) J |
| 2,4,5-Trichlorophenol | ND(14) J | ND(0.91) | ND(300) | ND(9.6) | ND(4.6) |
| 2,4,6-Trichlorophenol | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 2,4-Dichlorophenol | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 2,4-Dimethylphenol | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 2,4-Dinitrophenol | ND(14) | ND(0.91) | ND(300) | ND(9.6) | ND(4.6) |
| 2,4-Dinitrotoluene | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 2,6-Dinitrotoluene | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 2-Chloronaphthalene | ND(5.5) J | ND(0.36) J | ND(120) | ND(3.8) | ND(1.9) |
| 2-Chlorophenol | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 2-Methylnaphthalene | 0.55 J | 0.952 J | ND(120) | 0.42 J | ND(1.9) |
| 2-Methylphenol | 3.7 J | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 2-Nitroaniline | ND(14) | ND(0.91) | ND(300) | ND(9.6) | ND(4.6) |
| 2-Nitrophenol | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 2-Picoline | ND(5.5) | ND(0.36) | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 3-Nitroaniline | ND(14) | ND(0.91) | ND(300) | ND(9.6) | ND(4.6) |
| 4,6-Dinitro-2-methylphenol | ND(14) | ND(0.91) | ND(300) | ND(9.6) | ND(4.6) |
| 4-Bromophenyl-phenylether | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 4-Chloro-3-Methylphenol | ND(5.5) J | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 4-Chloroaniline | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 4-Chlorophenyl-phenylether | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 4-Methylphenol | 2.5 J | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| 4-Nitroaniline | ND(14) | ND(0.91) | ND(300) | ND(9.6) | ND(4.6) |
| 4-Nitrophenol | ND(14) | ND(0.91) | ND(300) | ND(9.6) | ND(4.6) |
| 4-Nitroquinoline-1-oxide | R | R | NS | NS | NS |
| 4-Phenylenediamine | R | ND(0.36) J | NS | NS | NS |
| Acenaphthene | 2.0 J | 0.24 J | 92 J | 0.48 J | ND(1.9) |
| Acenaphthylene | ND(5.5) | 0.17 J | 31 J | 0.40 J | ND(1.9) |
| Acetophenone | 0.28 J | 0.096 J | NS | NS | NS |
| Aniline | 35 | ND(0.91) | NS | NS | NS |
| Anthracene | 1.4 J | 0.72 | 62 J | 1.0 J | ND(1.9) |
| Aramite | ND(5.5) | ND(0.36) | NS | NS | NS |
| Benzo(a)anthracene | 3.4 J | 0.58 | 50 J | 1.2 J | 0.37 J |
| Benzo(a)pyrene | 3.9 J | 0.63 | 39 J | 1.1 J | 0.52 J |
| Benzo(b)fluoranthene | 3.5 J | 0.35 J | 15 J | ND(3.8) | 0.44 J |
| Benzo(g,h,i)perylene | 2.0 J | 0.40 | 15 J | 0.55 J | 0.43 J |
| Benzo(k)fluoranthene | 4.7 J | 0.35 J | 26 J | ND(3.8) | 0.42 J |
| Benzyl Alcohol | ND(5.5) | ND(0.36) | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| bis(2-Chloroethyl)ether | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| bis(2-Chloroisopropyl)ether | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| bis(2-Ethylhexyl)adipate | NS | NS | ND(120) | ND(3.8) | 3.9 |
| bis(2-Ethylhexyl)phthalate | 1.2 J | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Butylbenzylphthalate | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Carbazole | NS | NS | ND(120) | ND(3.8) | ND(1.9) |
| Chrysene | 4.4 J | 0.56 | 48 J | 1.2 J | 0.47 J |
| Dibenzo(a,h)anthracene | 0.76 J | 0.080 J | ND(120) | ND(3.8) | ND(1.9) |
| Dibenzofuran | 1.0 J | 0.058 J | ND(120) | ND(3.8) | ND(1.9) |
| Diethylphthalate | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Dimethylphthalate | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Di-n-Butylphthalate | 16 | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Di-n-Octylphthalate | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Fluoranthene | 12 | 11 | 110 J | 2.3 J | 1.0 J |
| Fluorene | 1.4 J | 0.73 | 100 J | 0.87 J | ND(1.9) |
| Hexachlorobenzene | 0.89 J | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Hexachlorobutadiene | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Hexachlorocyclopentadiene | R | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Hexachloroethane | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Indeno(1,2,3-cd)pyrene | 1.8 J | 0.29 J | 12 J | 0.55 J | 0.42 J |
| Isophorone | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Naphthalene | 0.82 J | 0.15 J | ND(120) | 0.49 J | ND(1.9) |
| Nitrobenzene | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| N-Nitroso-di-n-propylamine | ND(5.5) | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4D | 4D | 4D |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | K25 | X-16 | E38 | E39 | F36 |
| Sample ID: | 2S-BH000689-0-0010 | 2S-BH000350-0-0060 | 2S-BH000608-0-0060 | 2S-BH000607-0-0010 | 2S-BH000609-0-0010 |
| Sample Depth(Feet): | 1-6 | 6-15 | 6-15 | 1-6 | 1-6 |
| Parameter | Date Collected: | 06/03/02 | 01/31/01 | 05/14/02 | 05/14/02 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | 8.2 | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Pentachlorobenzene | 13 | ND(0.36) | NS | NS | NS |
| Pentachlorophenol | ND(14) | ND(0.91) | ND(300) | ND(9.6) | ND(4.6) |
| Phenacetin | ND(5.5) | ND(0.36) | NS | NS | NS |
| Phenanthrene | 4.2 J | 2.6 | 300 | 3.8 J | 0.80 J |
| Phenol | 27 | ND(0.36) | ND(120) | ND(3.8) | ND(1.9) |
| Pyrene | 13 | 1.6 | 180 J | 3.4 J | 0.93 J |
| Pyridine | ND(5.5) | ND(0.36) | NS | NS | NS |
| Safrole | ND(5.5) J | ND(0.36) | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | 0.0067 J | NS | NS | NS |
| 4,4'-DDE | NS | ND(0.0037) | NS | NS | NS |
| 4,4'-DDT | NS | 0.010 J | NS | NS | NS |
| Delta-BHC | NS | 0.0020 J | NS | NS | NS |
| Dieldrin | NS | ND(0.0037) | NS | NS | NS |
| Endosulfan II | NS | ND(0.0037) | NS | NS | NS |
| Endosulfan Sulfate | NS | 0.0057 J | NS | NS | NS |
| Endrin | NS | 0.0064 | NS | NS | NS |
| Endrin Aldehyde | NS | 0.0059 J | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | ND(0.0018) | NS | NS | NS |
| Heptachlor Epoxide | NS | 0.020 J | NS | NS | NS |
| Kepon | NS | R | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | ND(0.00000063) | NS | NS | NS |
| TCDFs (total) | NS | ND(0.00000063) | NS | NS | NS |
| 1,2,3,7,8-PeCDF | NS | ND(0.00000040) | NS | NS | NS |
| 2,3,4,7,8-PeCDF | NS | ND(0.00000039) | NS | NS | NS |
| PeCDFs (total) | NS | ND(0.00000040) | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | NS | ND(0.00000011) | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | NS | ND(0.00000070) | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | NS | ND(0.00000066) | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | NS | ND(0.00000060) | NS | NS | NS |
| HxCDFs (total) | NS | 0.00000030 J | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | NS | ND(0.00000026) | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | NS | ND(0.00000073) | NS | NS | NS |
| HpCDFs (total) | NS | 0.00000061 J | NS | NS | NS |
| OCDF | NS | 0.00000052 J | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | ND(0.00000087) | NS | NS | NS |
| TCDDs (total) | NS | ND(0.00000029) | NS | NS | NS |
| 1,2,3,7,8-PeCDD | NS | ND(0.00000056) | NS | NS | NS |
| PeCDDs (total) | NS | ND(0.00000042) | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | NS | ND(0.00000083) | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | NS | ND(0.00000098) | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | NS | ND(0.00000079) | NS | NS | NS |
| HxCDDs (total) | NS | 0.00000024 J | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | NS | ND(0.00000077) | NS | NS | NS |
| HpCDDs (total) | NS | 0.00000025 J | NS | NS | NS |
| OCDD | NS | ND(0.00000050) | NS | NS | NS |
| Total TEQs (WHO TEFs) | NS | 0.00000012 | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4B | 4B | 4D | 4D | 4D |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | K25 | X-16 | E38 | E39 | F36 |
| Sample ID: | 2S-BH000689-0-0010 | 2S-BH000350-0-0060 | 2S-BH000608-0-0060 | 2S-BH000607-0-0010 | 2S-BH000609-0-0010 |
| Sample Depth(Feet): | 1-6 | 6-15 | 6-15 | 1-6 | 1-6 |
| Date Collected: | 06/03/02 | 01/31/01 | 05/14/02 | 05/14/02 | 05/14/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | NS | 0.540 J | NS | NS | NS |
| Arsenic | NS | 8.10 J | NS | NS | NS |
| Barium | NS | 29.5 | NS | NS | NS |
| Beryllium | NS | 0.270 J | NS | NS | NS |
| Cadmium | NS | 0.880 J | NS | NS | NS |
| Chromium | NS | 10.7 J | NS | NS | NS |
| Cobalt | NS | 11.3 J | NS | NS | NS |
| Copper | NS | 23.5 J | NS | NS | NS |
| Cyanide | NS | ND(0.540) | 6.90 J | 1.30 J | ND(0.490) J |
| Lead | NS | 9.60 J | NS | NS | NS |
| Mercury | NS | ND(0.0200) J | NS | NS | NS |
| Nickel | NS | 19.0 | NS | NS | NS |
| Selenium | NS | ND(0.240) | NS | NS | NS |
| Silver | NS | ND(0.120) | NS | NS | NS |
| Sulfide | NS | ND(9.40) | 9.30 J | R | R |
| Thallium | NS | ND(2.00) J | NS | NS | NS |
| Tin | NS | ND(0.430) | NS | NS | NS |
| Vanadium | NS | 11.1 | NS | NS | NS |
| Zinc | NS | 69.1 | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4D | 4D | 4D | 4D | 4D |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | F36 | F39 | F41 | G38 | G38 |
| Sample ID: | 2S-BH000609-0-0060 | 2S-BH000587-0-0000 | 2S-BH000598-0-0000 | 2S-BH000594-0-0000 | 2S-BH000594-0-0010 |
| Sample Depth(Feet): | 6-15 | 0-1 | 0-1 | 0-1 | 1-6 |
| Date Collected: | 05/14/02 | 04/22/02 | 04/24/02 | 04/23/02 | 04/23/02 |
| Parameter | | | | | |
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,1,1-Trichloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,1,2-Trichloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,1-Dichloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,1-Dichloroethene | ND(0.010) J | NS | NS | NS | NS |
| 1,2,3-Trichlorobenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,2,4-Trimethylbenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,2-Dibromoethane | ND(0.010) J | NS | NS | NS | NS |
| 1,2-Dichloroethane | ND(0.010) J | NS | NS | NS | NS |
| 1,2-Dichloropropane | ND(0.010) J | NS | NS | NS | NS |
| 1,3,5-Trimethylbenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,4-Dichlorobenzene | ND(0.010) J | NS | NS | NS | NS |
| 1,4-Dioxane | R | NS | NS | NS | NS |
| 2-Butanone | 0.0020 J | NS | NS | NS | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS |
| 2-Hexanone | ND(0.010) J | NS | NS | NS | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | ND(0.010) J | NS | NS | NS | NS |
| Acetone | ND(0.011) J | NS | NS | NS | NS |
| Acrolein | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS |
| Benzene | ND(0.010) | NS | NS | NS | NS |
| Bromodichloromethane | ND(0.010) J | NS | NS | NS | NS |
| Bromoform | ND(0.010) J | NS | NS | NS | NS |
| Bromomethane | ND(0.010) J | NS | NS | NS | NS |
| Carbon Disulfide | ND(0.010) J | NS | NS | NS | NS |
| Carbon Tetrachloride | ND(0.010) J | NS | NS | NS | NS |
| Chlorobenzene | 0.0030 J | NS | NS | NS | NS |
| Chloroethane | ND(0.010) J | NS | NS | NS | NS |
| Chloroform | ND(0.010) J | NS | NS | NS | NS |
| Chloromethane | 0.010 J | NS | NS | NS | NS |
| cis-1,2-Dichloroethene | ND(0.010) J | NS | NS | NS | NS |
| cis-1,3-Dichloropropene | ND(0.010) J | NS | NS | NS | NS |
| Dibromochloromethane | ND(0.010) J | NS | NS | NS | NS |
| Dibromomethane | ND(0.010) J | NS | NS | NS | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS |
| Ethylbenzene | ND(0.010) J | NS | NS | NS | NS |
| Freon 12 | ND(0.010) J | NS | NS | NS | NS |
| Iodomethane | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS |
| Isopropylbenzene | ND(0.010) J | NS | NS | NS | NS |
| m&p-Xylene | ND(0.010) J | NS | NS | NS | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS |
| Methylene Chloride | ND(0.011) J | NS | NS | NS | NS |
| Naphthalene | ND(0.010) J | NS | NS | NS | NS |
| n-Butylbenzene | ND(0.010) J | NS | NS | NS | NS |
| n-Propylbenzene | ND(0.010) J | NS | NS | NS | NS |
| o-Xylene | ND(0.010) J | NS | NS | NS | NS |
| p-Isopropyltoluene | ND(0.010) J | NS | NS | NS | NS |
| Propionitrile | NS | NS | NS | NS | NS |
| Styrene | ND(0.010) J | NS | NS | NS | NS |
| Tetrachloroethene | ND(0.010) J | NS | NS | NS | NS |
| Tetrahydrofuran | R | NS | NS | NS | NS |
| Toluene | ND(0.010) J | NS | NS | NS | NS |
| trans-1,2-Dichloroethene | ND(0.010) J | NS | NS | NS | NS |
| trans-1,3-Dichloropropene | ND(0.010) J | NS | NS | NS | NS |
| Trichloroethene | ND(0.010) J | NS | NS | NS | NS |
| Trichlorofluoromethane | 0.0090 J | NS | NS | NS | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS |
| Vinyl Chloride | ND(0.010) J | NS | NS | NS | NS |
| Xylenes (total) | ND(0.010) J | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4D F36 2S-BH000609-0-0060 6-15 05/14/02 | 4D F39 2S-BH000587-0-0000 0-1 04/22/02 | 4D F41 2S-BH000598-0-0000 0-1 04/24/02 | 4D G38 2S-BH000594-0-0000 0-1 04/23/02 | 4D G38 2S-BH000594-0-0010 1-6 04/23/02 |
|---|---|--|--|--|--|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 1,2-Dichlorobenzene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 1,3-Dichlorobenzene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 1,4-Dichlorobenzene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2,4,5-Trichlorophenol | ND(0.97) | ND(1.7) | ND(0.90) | ND(4.3) | ND(9.3) |
| 2,4,6-Trichlorophenol | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2,4-Dichlorophenol | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2,4-Dimethylphenol | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2,4-Dinitrophenol | ND(0.97) | ND(1.7) | ND(0.90) | ND(4.3) | ND(9.3) |
| 2,4-Dinitrotoluene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2,6-Dinitrotoluene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2-Chloronaphthalene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2-Chlorophenol | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2-Methylnaphthalene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | 0.93 J |
| 2-Methylphenol | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2-Nitroaniline | ND(0.97) | ND(1.7) | ND(0.90) | ND(4.3) | ND(9.3) |
| 2-Nitrophenol | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 2-Picoline | NS | NS | NS | NS | NS |
| 3,3'-Dichlorobenzidine | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 3-Nitroaniline | ND(0.97) | ND(1.7) | ND(0.90) | ND(4.3) | ND(9.3) |
| 4,6-Dinitro-2-methylphenol | ND(0.97) | ND(1.7) | ND(0.90) | ND(4.3) | ND(9.3) |
| 4-Bromophenyl-phenylether | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 4-Chloro-3-Methylphenol | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 4-Chloroaniline | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 4-Chlorophenyl-phenylether | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 4-Methylphenol | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| 4-Nitroaniline | ND(0.97) | ND(1.7) | ND(0.90) | ND(4.3) | ND(9.3) |
| 4-Nitrophenol | ND(0.97) | ND(1.7) | ND(0.90) | ND(4.3) | ND(9.3) |
| 4-Nitroquinoline-1-oxide | NS | NS | NS | NS | NS |
| 4-Phenylenediamine | NS | NS | NS | NS | NS |
| Acenaphthene | ND(0.39) | ND(0.69) | 0.040 J | ND(1.7) | 2.4 J |
| Acenaphthylene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Acetophenone | NS | NS | NS | NS | NS |
| Aniline | NS | NS | NS | NS | NS |
| Anthracene | ND(0.39) | ND(0.69) | 0.076 J | ND(1.7) | 4.6 |
| Aramite | NS | NS | NS | NS | NS |
| Benzo(a)anthracene | ND(0.39) | 0.20 J | 0.26 J | ND(1.7) | 9.2 |
| Benzo(a)pyrene | ND(0.39) | 0.19 J | 0.19 J | ND(1.7) | 7.0 |
| Benzo(b)fluoranthene | ND(0.39) | 0.17 J | 0.24 J | ND(1.7) | 5.6 |
| Benzo(g,h,i)perylene | ND(0.39) | 0.11 J | 0.039 J | ND(1.7) | 2.7 J |
| Benzo(k)fluoranthene | ND(0.39) | 0.21 J | 0.21 J | ND(1.7) | 6.5 |
| Benzyl Alcohol | NS | NS | NS | NS | NS |
| bis(2-Chloroethoxy)methane | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| bis(2-Chloroethyl)ether | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| bis(2-Chloroisopropyl)ether | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| bis(2-Ethylhexyl)adipate | 1.4 | 0.65 J | 0.89 | 0.67 J | 1.2 J |
| bis(2-Ethylhexyl)phthalate | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Butylbenzylphthalate | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Carbazole | ND(0.39) | ND(0.69) | 0.052 J | ND(1.7) | 2.1 J |
| Chrysene | ND(0.39) | 0.23 J | 0.29 J | 0.19 J | 9.5 |
| Dibenzo(a,h)anthracene | ND(0.39) | ND(0.69) | 0.073 J | ND(1.7) | 1.6 J |
| Dibenzofuran | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | 1.6 J |
| Diethylphthalate | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Dimethylphthalate | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Di-n-Butylphthalate | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Di-n-Octylphthalate | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Fluoranthene | ND(0.39) | 0.38 J | 0.55 | 0.31 J | 19 |
| Fluorene | ND(0.39) | ND(0.69) | 0.040 J | ND(1.7) | 3.0 J |
| Hexachlorobenzene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Hexachlorobutadiene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Hexachlorocyclopentadiene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Hexachloroethane | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Indeno(1,2,3-cd)pyrene | ND(0.39) | 0.13 J | 0.15 J | ND(1.7) | 3.4 J |
| Isophorone | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Naphthalene | ND(0.39) | ND(0.69) | ND(0.36) | 0.20 J | 1.0 J |
| Nitrobenzene | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| N-Nitroso-di-n-propylamine | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4D F36 2S-BH000609-0-0060 6-15 05/14/02 | 4D F39 2S-BH000587-0-0000 0-1 04/22/02 | 4D F41 2S-BH000598-0-0000 0-1 04/24/02 | 4D G38 2S-BH000594-0-0000 0-1 04/23/02 | 4D G38 2S-BH000594-0-0010 1-6 04/23/02 |
|---|---|--|--|--|--|
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Pentachlorobenzene | NS | NS | NS | NS | NS |
| Pentachlorophenol | ND(0.97) | ND(1.7) | ND(0.90) | ND(4.3) | ND(9.3) |
| Phenacetin | NS | NS | NS | NS | NS |
| Phenanthrene | ND(0.39) | 0.22 J | 0.43 | 0.25 J | 24 |
| Phenol | ND(0.39) | ND(0.69) | ND(0.36) | ND(1.7) | ND(3.7) |
| Pyrene | ND(0.39) | 0.37 J | 0.49 | 0.30 J | 18 |
| Pyridine | NS | NS | NS | NS | NS |
| Safrole | NS | NS | NS | NS | NS |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepona | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | NS | NS | NS | 0.000017 | 0.000017 |
| TCDFs (total) | NS | NS | NS | 0.000094 | 0.000088 |
| 1,2,3,7,8-PeCDF | NS | NS | NS | 0.0000070 | 0.0000087 J |
| 2,3,4,7,8-PeCDF | NS | NS | NS | 0.000017 | 0.000023 |
| PeCDFs (total) | NS | NS | NS | 0.00016 | 0.00018 J |
| 1,2,3,4,7,8-HxCDF | NS | NS | NS | 0.000065 | 0.000069 |
| 1,2,3,6,7,8-HxCDF | NS | NS | NS | 0.000012 | 0.000013 |
| 1,2,3,7,8,9-HxCDF | NS | NS | NS | 0.0000091 | 0.000012 |
| 2,3,4,6,7,8-HxCDF | NS | NS | NS | 0.000018 | 0.000017 |
| HxCDFs (total) | NS | NS | NS | 0.00030 | 0.00029 |
| 1,2,3,4,6,7,8-HpCDF | NS | NS | NS | 0.000094 | 0.000089 |
| 1,2,3,4,7,8,9-HpCDF | NS | NS | NS | 0.000038 | 0.000035 |
| HpCDFs (total) | NS | NS | NS | 0.00024 | 0.00023 |
| OCDF | NS | NS | NS | 0.00021 | 0.00021 |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | NS | NS | NS | 0.0000072 | 0.0000067 |
| TCDDs (total) | NS | NS | NS | 0.000074 | 0.000017 |
| 1,2,3,7,8-PeCDD | NS | NS | NS | 0.0000336 | 0.000031 |
| PeCDDs (total) | NS | NS | NS | 0.000031 | 0.000040 J |
| 1,2,3,4,7,8-HxCDD | NS | NS | NS | 0.0000041 | 0.0000035 |
| 1,2,3,6,7,8-HxCDD | NS | NS | NS | 0.0000070 | 0.0000060 |
| 1,2,3,7,8,9-HxCDD | NS | NS | NS | 0.0000043 | 0.0000036 |
| HxCDDs (total) | NS | NS | NS | 0.000080 | 0.000075 |
| 1,2,3,4,6,7,8-HpCDD | NS | NS | NS | 0.000049 | 0.000039 |
| HpCDDs (total) | NS | NS | NS | 0.000093 | 0.000078 |
| OCDD | NS | NS | NS | 0.00034 | 0.00038 |
| Total TEQs (WHO TEFs) | NS | NS | NS | 0.000029 | 0.000031 |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4D | 4D | 4D | 4D | 4D |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | F36 | F39 | F41 | G38 | G38 |
| Sample ID: | 2S-BH000609-0-0060 | 2S-BH000587-0-0000 | 2S-BH000598-0-0000 | 2S-BH000594-0-0000 | 2S-BH000594-0-0010 |
| Sample Depth(Feet): | 6-15 | 0-1 | 0-1 | 0-1 | 1-6 |
| Date Collected: | 05/14/02 | 04/22/02 | 04/24/02 | 04/23/02 | 04/23/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | NS | NS | NS | NS | NS |
| Arsenic | NS | NS | NS | NS | NS |
| Barium | NS | NS | NS | NS | NS |
| Beryllium | NS | NS | NS | NS | NS |
| Cadmium | NS | NS | NS | NS | NS |
| Chromium | NS | NS | NS | NS | NS |
| Cobalt | NS | NS | NS | NS | NS |
| Copper | NS | NS | NS | NS | NS |
| Cyanide | ND(0.500) J | ND(0.460) | ND(0.520) | ND(0.510) | 0.570 |
| Lead | NS | NS | NS | NS | NS |
| Mercury | NS | NS | NS | NS | NS |
| Nickel | NS | NS | NS | NS | NS |
| Selenium | NS | NS | NS | NS | NS |
| Silver | NS | NS | NS | NS | NS |
| Sulfide | 12.5 J | ND(8.10) J | R | ND(8.60) J | ND(8.20) J |
| Thallium | NS | NS | NS | NS | NS |
| Tin | NS | NS | NS | NS | NS |
| Vanadium | NS | NS | NS | NS | NS |
| Zinc | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4D | 4D | 4D | 4D | 4D | 4D | |
|---------------------------|--------------------|------------|------------|------------|------------|------------|----------|
| Location ID: | H35 | SL0005 | SL0009 | SL0033 | SL0394 | SL0399 | |
| Sample ID: | 2S-BH000595-0-0000 | 080598SB14 | 080598SB28 | 080698SB14 | 090198MS29 | 090298MS12 | |
| Sample Depth(Feet): | 0-1 | 1-1.5 | 1-1.5 | 0-0.5 | 2-2.5 | 1-1.5 | |
| Parameter | Date Collected: | 04/23/02 | 08/05/98 | 08/05/98 | 08/06/98 | 09/01/98 | 09/02/98 |
| Volatile Organics | | | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | NS | NS | NS | NS | |
| 1,1,1-Trichloroethane | NS | NS | NS | NS | NS | NS | |
| 1,1,2-Trichloroethane | NS | NS | NS | NS | NS | NS | |
| 1,1-Dichloroethane | NS | NS | NS | NS | NS | NS | |
| 1,1-Dichloroethene | NS | NS | NS | NS | NS | NS | |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS | NS | |
| 1,2,4-Trichlorobenzene | NS | NS | NS | NS | NS | NS | |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS | NS | |
| 1,2-Dibromoethane | NS | NS | NS | NS | NS | NS | |
| 1,2-Dichloroethane | NS | NS | NS | NS | NS | NS | |
| 1,2-Dichloropropane | NS | NS | NS | NS | NS | NS | |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS | NS | |
| 1,3-Dichlorobenzene | NS | NS | NS | NS | NS | NS | |
| 1,4-Dichlorobenzene | NS | NS | NS | NS | NS | NS | |
| 1,4-Dioxane | NS | NS | NS | NS | NS | NS | |
| 2-Butanone | NS | NS | NS | NS | NS | NS | |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS | NS | |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS | NS | |
| 2-Hexanone | NS | NS | NS | NS | NS | NS | |
| 3-Chloropropene | NS | NS | NS | NS | NS | NS | |
| 4-Methyl-2-pentanone | NS | NS | NS | NS | NS | NS | |
| Acetone | NS | NS | NS | NS | NS | NS | |
| Acrolein | NS | NS | NS | NS | NS | NS | |
| Acrylonitrile | NS | NS | NS | NS | NS | NS | |
| Benzene | NS | NS | NS | NS | NS | NS | |
| Bromodichloromethane | NS | NS | NS | NS | NS | NS | |
| Bromoform | NS | NS | NS | NS | NS | NS | |
| Bromomethane | NS | NS | NS | NS | NS | NS | |
| Carbon Disulfide | NS | NS | NS | NS | NS | NS | |
| Carbon Tetrachloride | NS | NS | NS | NS | NS | NS | |
| Chlorobenzene | NS | NS | NS | NS | NS | NS | |
| Chloroethane | NS | NS | NS | NS | NS | NS | |
| Chloroform | NS | NS | NS | NS | NS | NS | |
| Chloromethane | NS | NS | NS | NS | NS | NS | |
| cis-1,2-Dichloroethene | NS | NS | NS | NS | NS | NS | |
| cis-1,3-Dichloropropene | NS | NS | NS | NS | NS | NS | |
| Dibromochloromethane | NS | NS | NS | NS | NS | NS | |
| Dibromomethane | NS | NS | NS | NS | NS | NS | |
| Ethyl Methacrylate | NS | NS | NS | NS | NS | NS | |
| Ethylbenzene | NS | NS | NS | NS | NS | NS | |
| Freon 12 | NS | NS | NS | NS | NS | NS | |
| Iodomethane | NS | NS | NS | NS | NS | NS | |
| Isobutanol | NS | NS | NS | NS | NS | NS | |
| Isopropylbenzene | NS | NS | NS | NS | NS | NS | |
| m&p-Xylene | NS | NS | NS | NS | NS | NS | |
| Methacrylonitrile | NS | NS | NS | NS | NS | NS | |
| Methyl Methacrylate | NS | NS | NS | NS | NS | NS | |
| Methylene Chloride | NS | NS | NS | NS | NS | NS | |
| Naphthalene | NS | NS | NS | NS | NS | NS | |
| n-Butylbenzene | NS | NS | NS | NS | NS | NS | |
| n-Propylbenzene | NS | NS | NS | NS | NS | NS | |
| o-Xylene | NS | NS | NS | NS | NS | NS | |
| p-Isopropyltoluene | NS | NS | NS | NS | NS | NS | |
| Propionitrile | NS | NS | NS | NS | NS | NS | |
| Styrene | NS | NS | NS | NS | NS | NS | |
| Tetrachloroethane | NS | NS | NS | NS | NS | NS | |
| Tetrahydrofuran | NS | NS | NS | NS | NS | NS | |
| Toluene | NS | NS | NS | NS | NS | NS | |
| trans-1,2-Dichloroethene | NS | NS | NS | NS | NS | NS | |
| trans-1,3-Dichloropropene | NS | NS | NS | NS | NS | NS | |
| Trichloroethene | NS | NS | NS | NS | NS | NS | |
| Trichlorofluoromethane | NS | NS | NS | NS | NS | NS | |
| Vinyl Acetate | NS | NS | NS | NS | NS | NS | |
| Vinyl Chloride | NS | NS | NS | NS | NS | NS | |
| Xylenes (total) | NS | NS | NS | NS | NS | NS | |

**TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS**

**PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4D H35 2S-BH000595-0-0000 0-1 04/23/02 | 4D SL0005 080598SB14 1-1.5 08/05/98 | 4D SL0009 080598SB26 1-1.5 08/05/98 | 4D SL0033 080698SB14 0-0.5 08/06/98 | 4D SL0394 090198MS29 2-2.5 09/01/98 | 4D SL0399 090298MS12 1-1.5 09/02/98 |
|---|--|---|---|---|---|---|
| Semivolatile Organics | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 1,2,4-Trichlorobenzene | ND(0.36) | 0.13 J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [0.037 J] |
| 1,2-Dichlorobenzene | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 1,3-Dichlorobenzene | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 1,4-Dichlorobenzene | ND(0.36) | 0.064 J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 2,4,5-Trichlorophenol | ND(0.91) | ND(0.98) J | ND(3.7) J | ND(0.89) J | ND(0.95) | ND(0.87) [ND(0.88)] |
| 2,4,6-Trichlorophenol | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) J | ND(0.35) [ND(0.35)] |
| 2,4-Dichlorophenol | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 2,4-Dimethylphenol | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) J | ND(0.35) [ND(0.35)] |
| 2,4-Dinitrophenol | ND(0.91) | ND(0.98) J | ND(3.7) J | ND(0.89) J | R | ND(0.87) [ND(0.88)] |
| 2,4-Dinitrotoluene | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 2,6-Dinitrotoluene | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 2-Chloronaphthalene | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) J | ND(0.35) [ND(0.35)] |
| 2-Chlorophenol | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 2-Methylnaphthalene | ND(0.36) | 0.18 J | 0.67 J | ND(0.35) J | ND(0.38) J | ND(0.35) [ND(0.35)] |
| 2-Methylphenol | ND(0.36) | 0.083 J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 2-Nitroaniline | ND(0.91) | ND(0.98) J | ND(3.7) J | ND(0.89) J | ND(0.95) | ND(0.87) [ND(0.88)] |
| 2-Nitrophenol | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 2-Picoline | NS | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 3,3'-Dichlorobenzidine | ND(0.36) | R | R | R | R | ND(0.35) [ND(0.35)] |
| 3-Nitroaniline | ND(0.91) | ND(0.98) J | ND(3.7) J | ND(0.89) J | R | ND(0.87) [ND(0.88)] |
| 4,6-Dinitro-2-methylphenol | ND(0.91) | ND(0.98) J | ND(3.7) J | ND(0.89) J | ND(0.95) | ND(0.87) [ND(0.88)] |
| 4-Bromophenyl-phenylether | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 4-Chloro-3-Methylphenol | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 4-Chloroaniline | ND(0.36) | R | R | R | R | ND(0.35) [ND(0.35)] |
| 4-Chlorophenyl-phenylether | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 4-Methylphenol | ND(0.36) | 0.079 J | 0.19 J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| 4-Nitroaniline | ND(0.91) | ND(0.98) J | ND(3.7) J | ND(0.89) J | R | ND(0.87) [ND(0.88)] |
| 4-Nitrophenol | ND(0.91) | ND(0.98) J | ND(3.7) J | ND(0.89) J | ND(0.95) | ND(0.87) [ND(0.88)] |
| 4-Nitroquinoline-1-oxide | NS | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) J | ND(0.35) [ND(0.35)] |
| 4-Phenylenediamine | NS | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) J | ND(0.35) [ND(0.35) J] |
| Acenaphthene | ND(0.36) | 0.069 J | 0.61 J | ND(0.35) J | ND(0.38) | 0.071 J [ND(0.35)] |
| Acenaphthylene | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | 0.044 J [0.042 J] |
| Acetophenone | NS | 0.16 J | 0.24 J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Aniline | NS | R | R | R | R | ND(0.87) [ND(0.88)] |
| Anthracene | ND(0.36) | 0.15 J | 3.6 | ND(0.35) J | ND(0.38) | 0.11 J [0.082 J] |
| Aramite | NS | R | R | R | ND(0.38) | ND(0.35) [ND(0.35)] |
| Benzo(a)anthracene | ND(0.36) | 0.60 J | 6.2 J | 0.034 J | ND(0.38) | 0.53 [0.44] |
| Benzo(a)pyrene | ND(0.36) | 0.57 J | 5.1 J | 0.039 J | ND(0.38) | 0.58 [0.47] |
| Benzo(b)fluoranthene | ND(0.36) | 0.62 J | 4.2 J | 0.044 J | ND(0.38) | 0.47 [0.41] |
| Benzo(g,h,i)perylene | ND(0.36) | 0.43 J | 2.7 J | 0.036 J | ND(0.38) | 0.44 [0.33 J] |
| Benzo(k)fluoranthene | ND(0.36) | 0.52 J | 4.5 J | 0.040 J | ND(0.38) | 0.54 [0.40] |
| Benzyl Alcohol | NS | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| bis(2-Chloroethoxy)methane | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| bis(2-Chloroethyl)ether | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| bis(2-Chloroisopropyl)ether | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| bis(2-Ethylhexyl)adipate | 0.42 | NS | NS | NS | NS | NS |
| bis(2-Ethylhexyl)phthalate | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Butylbenzylphthalate | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Carbazole | ND(0.36) | NS | NS | NS | NS | NS |
| Chrysene | ND(0.36) | 0.74 J | 5.9 J | 0.055 J | ND(0.38) | 0.63 [0.54] |
| Dibenzo(a,h)anthracene | ND(0.36) | 0.12 J | 0.98 J | ND(0.35) J | ND(0.38) | 0.15 J [0.12 J] |
| Dibenzofuran | ND(0.36) | 0.13 J | 1.1 J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Diethylphthalate | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Dimethylphthalate | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Di-n-Butylphthalate | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Di-n-Octylphthalate | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Fluoranthene | 0.064 J | ND(1.2) J | 14 | 0.088 J | ND(0.38) | 1.4 [1.0] |
| Fluorene | ND(0.36) | 0.074 J | 0.85 J | ND(0.35) J | ND(0.38) | 0.078 J [0.050 J] |
| Hexachlorobenzene | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Hexachlorobutadiene | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Hexachlorocyclopentadiene | ND(0.36) | R | R | R | R | ND(0.35) [ND(0.35)] |
| Hexachloroethane | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Indeno(1,2,3-cd)pyrene | ND(0.36) | 0.41 J | 3.0 J | 0.034 J | ND(0.38) | 0.40 [0.36] |
| Isophorone | ND(0.36) | 0.50 J | 0.54 J | 0.095 J | 0.49 | ND(0.35) [0.14 J] |
| Naphthalene | ND(0.36) | 0.32 J | 1.2 J | ND(0.35) J | ND(0.38) | 0.036 J [0.097 J] |
| Nitrobenzene | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| N-Nitroso-di-n-propylamine | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4D H35 2S-BH000595-0-0000 0-1 04/23/02 | 4D SL0005 080598SB14 1-1.5 08/05/98 | 4D SL0009 080598SB26 1-1.5 08/05/98 | 4D SL0033 080698SB14 0-0.5 08/06/98 | 4D SL0394 090198MS29 2-2.5 09/01/98 | 4D SL0399 090298MS12 1-1.5 09/02/98 |
|---|--|---|---|---|---|---|
| Semivolatile Organics (continued) | | | | | | |
| N-Nitrosodiphenylamine | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Pentachlorobenzene | NS | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | 0.10 J [ND(0.35)] |
| Pentachlorophenol | ND(0.91) | ND(0.98) J | ND(3.7) J | ND(0.89) J | ND(0.95) | ND(0.87) [ND(0.88)] |
| Phenacetin | NS | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Phenanthrene | 0.038 J | ND(0.99) J | ND(1.4) J | 0.057 J | ND(0.38) | 0.92 [0.79] |
| Phenol | ND(0.36) | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Pyrene | 0.060 J | ND(1.1) J | 1.4 | 0.084 J | ND(0.38) | 1.3 [1.1] |
| Pyridine | NS | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Safrole | NS | ND(0.39) J | ND(1.5) J | ND(0.35) J | ND(0.38) | ND(0.35) [ND(0.35)] |
| Organochlorine Pesticides | | | | | | |
| 4,4'-DDD | NS | ND(0.40) | ND(0.076) | ND(0.036) | ND(0.0078) | ND(0.36) [ND(0.36)] |
| 4,4'-DDE | NS | ND(0.40) | ND(0.076) | ND(0.036) | ND(0.0078) | ND(0.36) [ND(0.36)] |
| 4,4'-DDT | NS | R | R | R | ND(0.0078) | R |
| Delta-BHC | NS | ND(0.20) | ND(0.038) | ND(0.018) | ND(0.0039) | ND(0.18) [ND(0.18)] |
| Dieldrin | NS | R | ND(0.076) | ND(0.036) | ND(0.0078) | ND(0.36) [ND(0.36)] |
| Endosulfan II | NS | ND(0.40) | ND(0.076) | ND(0.036) | ND(0.0078) | ND(0.36) [ND(0.36)] |
| Endosulfan Sulfate | NS | ND(0.40) | ND(0.076) | ND(0.036) | ND(0.0078) | ND(0.36) [ND(0.36)] |
| Endrin | NS | ND(0.40) | ND(0.076) | ND(0.036) | ND(0.0078) | ND(0.36) [ND(0.36)] |
| Endrin Aldehyde | NS | ND(0.40) | ND(0.076) | ND(0.036) | ND(0.0078) | ND(0.36) [ND(0.36)] |
| Gamma-BHC (Lindane) | NS | ND(0.20) | ND(0.038) | ND(0.018) | ND(0.0039) | ND(0.18) [ND(0.18)] |
| Heptachlor Epoxide | NS | ND(0.20) | ND(0.038) | ND(0.018) | ND(0.0039) | ND(0.18) [ND(0.18)] |
| Kepone | NS | R | R | R | R | R |
| Organophosphate Pesticides | | | | | | |
| None Detected | NS | -- | -- | NS | NS | NS |
| Herbicides | | | | | | |
| None Detected | NS | -- | -- | -- | -- | -- |
| Furans | | | | | | |
| 2,3,7,8-TCDF | 0.000038 | 0.000079 | 0.000050 | 0.000054 | 0.000035 | 0.000021 [0.000018] |
| TCDFs (total) | 0.00023 | 0.0011 J | 0.00049 J | 0.00049 J | 0.000030 J | 0.00025 J [0.00033 J] |
| 1,2,3,7,8-PeCDF | 0.000014 | 0.000026 | 0.000012 | 0.000016 | 0.000013 | 0.0000075 [0.0000070] |
| 2,3,4,7,8-PeCDF | 0.000016 | 0.000039 | 0.000024 | 0.000019 | 0.000017 | 0.000032 [0.000030] |
| PeCDFs (total) | 0.00016 | 0.0011 J | 0.00025 J | 0.00027 J | 0.000020 J | 0.00058 J [0.00076 J] |
| 1,2,3,4,7,8-HxCDF | 0.000013 | 0.000059 | 0.000019 | 0.000016 | 0.000015 | 0.000026 [0.000026] |
| 1,2,3,6,7,8-HxCDF | 0.0000086 | 0.00013 | 0.0000093 | 0.000011 | 0.0000088 | 0.000021 [0.000021] |
| 1,2,3,7,8,9-HxCDF | 0.0000021 J | 0.0000081 | 0.0000041 | 0.0000017 | 0.0000027 J | 0.0000051 [0.0000048] |
| 2,3,4,6,7,8-HxCDF | 0.0000099 | 0.000029 | 0.000017 | 0.000014 | 0.000010 J | 0.000028 [0.000027] |
| HxCDFs (total) | 0.00013 | 0.0013 J | 0.00032 J | 0.00021 J | 0.000013 J | 0.00089 J [0.0010 J] |
| 1,2,3,4,6,7,8-HpCDF | 0.000017 | 0.00029 J | 0.000079 J | 0.000036 J | 0.000029 J | 0.00073 J [0.00068 J] |
| 1,2,3,4,7,8,9-HpCDF | 0.0000024 | 0.000015 | 0.000008 | 0.0000020 | 0.0000028 J | 0.000018 [0.000018] |
| HpCDFs (total) | 0.000033 | 0.00041 J | 0.00017 J | 0.000054 J | 0.000052 J | 0.0015 J [0.0014 J] |
| OCDF | 0.000012 | 0.00014 | 0.000067 | 0.000017 | 0.0000017 | 0.00076 [0.00078] |
| Dioxins | | | | | | |
| 2,3,7,8-TCDD | 0.0000034 J | 0.0000012 | 0.0000085 | 0.0000042 | ND(0.0000019) | 0.0000016 [0.0000015] |
| TCDDs (total) | 0.0000045 | 0.000034 | 0.000038 | 0.0000096 | 0.0000064 J | 0.000013 [0.000012] |
| 1,2,3,7,8-PeCDD | 0.00000099 | 0.0000052 J | 0.0000020 J | 0.0000053 J | ND(0.0000030) J | 0.0000034 J [0.0000035 J] |
| PeCDDs (total) | 0.0000046 | 0.000059 J | 0.000029 J | 0.0000087 J | ND(0.0000030) J | 0.000040 J [0.000039 J] |
| 1,2,3,4,7,8-HxCDD | 0.00000047 J | 0.0000053 | 0.0000032 J | 0.0000052 J | ND(0.0000022) | 0.0000081 [0.0000078] |
| 1,2,3,6,7,8-HxCDD | 0.00000066 | 0.0000081 | 0.0000083 | 0.0000080 | ND(0.0000022) | 0.000044 [0.000044] |
| 1,2,3,7,8,9-HxCDD | 0.00000054 | 0.0000067 | 0.0000046 J | 0.0000063 J | ND(0.0000019) | 0.000015 [0.000017] |
| HxCDDs (total) | 0.0000062 | 0.00012 | 0.000082 | 0.0000097 | 0.0000098 J | 0.00030 [0.00030] |
| 1,2,3,4,6,7,8-HpCDD | 0.0000052 | 0.000046 | 0.00010 | 0.0000056 | 0.0000091 | 0.0014 [0.0014] |
| HpCDDs (total) | 0.000011 | 0.00010 | 0.00023 | 0.000013 | 0.000019 | 0.0025 [0.0027] |
| OCDD | 0.000031 | 0.00060 | 0.0083 | 0.000045 | 0.0000042 | 0.012 [0.013] |
| Total TEQs (WHO TEFs) | 0.000017 | 0.000063 | 0.000030 | 0.000022 | 0.0000019 | 0.000061 [0.000059] |

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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4D | 4D | 4D | 4D | 4D | 4D |
|---------------------|--------------------|-------------|-------------|-------------|--------------|-----------------------|
| Location ID: | H35 | SL0005 | SL0009 | SL0033 | SL0394 | SL0399 |
| Sample ID: | 2S-BH000595-0-0000 | 080598SB14 | 080598SB26 | 080698SB14 | 090198MS29 | 090298MS12 |
| Sample Depth(Feet): | 0-1 | 1-1.5 | 1-1.5 | 0-0.5 | 2-2.5 | 1-1.5 |
| Date Collected: | 04/23/02 | 08/05/98 | 08/05/98 | 08/06/98 | 09/01/98 | 09/02/98 |
| Inorganics | | | | | | |
| Antimony | NS | 3.90 J | 15.4 J | R | ND(1.00) J | ND(0.840) [ND(0.960)] |
| Arsenic | NS | 7.20 J | 12.4 J | 6.10 J | 10.4 | 4.20 [4.00] |
| Barium | NS | 84.7 J | 133 J | 24.2 J | 28.4 | ND(43.8) [ND(41.9)] |
| Beryllium | NS | 0.280 J | 0.270 J | 0.100 J | ND(0.220) | 0.280 [0.250] |
| Cadmium | NS | 0.940 J | 4.80 J | 0.130 J | 0.540 | 0.620 [0.630] |
| Chromium | NS | 37.6 | 85.2 | 6.00 | 12.3 | 21.0 [21.1] |
| Cobalt | NS | 10.9 J | 11.4 J | 9.10 J | 14.5 | 7.70 [7.80] |
| Copper | NS | 2550 J | 30300 J | 20.4 J | 43.7 | 35.8 [37.3] |
| Cyanide | ND(0.530) | ND(0.580) | ND(0.550) | ND(0.530) | ND(0.620) | ND(0.560) [ND(0.560)] |
| Lead | NS | 570 J | 1650 J | 10.9 J | 22.0 J | 50.9 J [54.0 J] |
| Mercury | NS | 1.90 | 1.60 | 0.200 J | ND(0.0200) J | 0.380 [0.540] |
| Nickel | NS | 35.2 J | 54.8 J | 12.8 J | 24.2 | 17.4 [16.7] |
| Selenium | NS | ND(0.320) J | ND(0.340) J | ND(0.280) J | 2.40 J | ND(0.320) [ND(0.360)] |
| Silver | NS | 0.390 J | 2.60 J | ND(0.170) J | ND(0.230) | 0.460 [0.660] |
| Sulfide | ND(8.30) J | ND(5.80) J | ND(5.50) J | ND(5.30) J | ND(5.60) J | ND(5.20) [ND(5.20)] |
| Thallium | NS | ND(0.550) J | ND(0.580) J | ND(0.480) J | ND(0.660) J | ND(0.550) [ND(0.620)] |
| Tin | NS | 39.1 J | 1630 J | ND(0.380) J | 0.650 | ND(1.60) [ND(1.10)] |
| Vanadium | NS | 20.8 J | 32.8 J | 9.80 J | 11.7 | 22.4 J [22.0 J] |
| Zinc | NS | 1000 J | 3180 J | 50.1 J | 59.6 | 90.5 J [89.4 J] |

TABLE 6
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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4D SL0412 090398MS27 1-1.5 09/03/98 | 4E 60-4 2S-BH000779-0-0010 1-6 07/17/02 | 4E K29 2S-BH000680-0-0060 6-15 05/29/02 | 4E K30 2S-BH000588-0-0000 0-1 04/22/02 | 4E K31 2S-BH000736-0-0060 6-15 04/17/02 |
|---|---|---|---|--|---|
| Volatile Organics | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 1,1,1-Trichloroethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 1,1,2-Trichloroethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 1,1-Dichloroethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 1,1-Dichloroethene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | NS | 0.031 [0.016] | NS | NS | ND(0.0050) J |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,2-Dibromoethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 1,2-Dichloroethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 1,2-Dichloropropane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | ND(0.0050) J |
| 1,4-Dichlorobenzene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | ND(0.0050) J |
| 1,4-Dioxane | NS | ND(0.33) [ND(0.34)] | NS | NS | R |
| 2-Butanone | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 2-Chloro-1,3-butadiene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 2-Chloroethylvinylether | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 2-Hexanone | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 3-Chloropropene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| 4-Methyl-2-pentanone | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Acetone | NS | 0.079 [0.055] | NS | NS | 0.16 J |
| Acrolein | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Acrylonitrile | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Benzene | NS | 0.0013 J [ND(0.0069)] | NS | NS | R |
| Bromodichloromethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Bromoform | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Bromomethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Carbon Disulfide | NS | ND(0.0066) [ND(0.0069)] | NS | NS | 0.014 J |
| Carbon Tetrachloride | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Chlorobenzene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Chloroethane | NS | ND(0.0066) [0.025] | NS | NS | R |
| Chloroform | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Chloromethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | 0.18 J |
| cis-1,2-Dichloroethene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| cis-1,3-Dichloropropene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Dibromochloromethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Dibromomethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Ethyl Methacrylate | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Ethylbenzene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Freon 12 | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Iodomethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Isobutanol | NS | ND(0.33) [ND(0.34)] | NS | NS | R |
| Isopropylbenzene | NS | NS | NS | NS | NS |
| m&p-Xylene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Methacrylonitrile | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Methyl Methacrylate | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Methylene Chloride | NS | 0.060 [0.0032 J] | NS | NS | R |
| Naphthalene | NS | 0.0014 J [0.0024 J] | NS | NS | ND(0.0050) J |
| n-Butylbenzene | NS | NS | NS | NS | NS |
| n-Propylbenzene | NS | NS | NS | NS | NS |
| o-Xylene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| p-Isopropyltoluene | NS | NS | NS | NS | NS |
| Propionitrile | NS | ND(0.026) [ND(0.028)] | NS | NS | R |
| Styrene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Tetrachloroethene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Tetrahydrofuran | NS | NS | NS | NS | NS |
| Toluene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| trans-1,2-Dichloroethene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| trans-1,3-Dichloropropene | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Trichloroethene | NS | 0.039 [0.024] | NS | NS | R |
| Trichlorofluoromethane | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Vinyl Acetate | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Vinyl Chloride | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |
| Xylenes (total) | NS | ND(0.0066) [ND(0.0069)] | NS | NS | R |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4D SL0412 090398MS27 1-1.5 09/03/98 | 4E 60-4 2S-BH000779-0-0010 1-6 07/17/02 | 4E K29 2S-BH000680-0-0060 6-15 05/29/02 | 4E K30 2S-BH000588-0-0000 0-1 04/22/02 | 4E K31 2S-BH000736-0-0060 6-15 04/17/02 |
|---|---|---|---|--|---|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND(0.35) | 0.33 J [0.42 J] | 10 J | NS | ND(0.35) |
| 1,2,4-Trichlorobenzene | 0.067 J | 3.7 [4.2] | 72 | ND(3.7) | ND(0.35) |
| 1,2-Dichlorobenzene | ND(0.35) | ND(0.53) [ND(0.56)] | 3.1 J | ND(3.7) | ND(0.35) |
| 1,3-Dichlorobenzene | ND(0.35) | ND(0.53) [0.028 J] | 7.5 J | ND(3.7) | ND(0.35) |
| 1,4-Dichlorobenzene | ND(0.35) | 0.12 J [0.14 J] | 110 | ND(3.7) | ND(0.35) |
| 2,4,5-Trichlorophenol | ND(0.88) | ND(1.3) [ND(1.4)] | ND(0.96) J | ND(9.3) | ND(0.88) |
| 2,4,6-Trichlorophenol | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2,4-Dichlorophenol | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2,4-Dimethylphenol | ND(0.35) | 0.033 J [0.044 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2,4-Dinitrophenol | ND(0.88) | ND(1.3) [ND(1.4)] | ND(0.96) | ND(9.3) | ND(0.88) |
| 2,4-Dinitrotoluene | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2,6-Dinitrotoluene | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2-Chloronaphthalene | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2-Chlorophenol | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2-Methylnaphthalene | 0.14 J | 0.077 J [0.082 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2-Methylphenol | ND(0.35) | 0.028 J [0.032 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2-Nitroaniline | ND(0.88) | ND(1.3) [ND(1.4)] | ND(0.96) | ND(9.3) | ND(0.88) |
| 2-Nitrophenol | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| 2-Picoline | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | NS | ND(0.35) |
| 3,3'-Dichlorobenzidine | ND(0.35) | ND(0.53) [ND(0.56)] | R | ND(3.7) | ND(0.35) |
| 3-Nitroaniline | ND(0.88) | ND(1.3) [ND(1.4)] | ND(0.96) J | ND(9.3) | ND(0.88) |
| 4,6-Dinitro-2-methylphenol | ND(0.88) | ND(1.3) [ND(1.4)] | ND(0.96) | ND(9.3) | ND(0.88) |
| 4-Bromophenyl-phenylether | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| 4-Chloro-3-Methylphenol | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) J | ND(3.7) | ND(0.35) |
| 4-Chloroaniline | ND(0.35) | ND(0.53) [ND(0.56)] | R | ND(3.7) | ND(0.35) |
| 4-Chlorophenyl-phenylether | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| 4-Methylphenol | ND(0.35) | 0.042 J [0.053 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| 4-Nitroaniline | ND(0.88) | ND(1.3) [ND(1.4)] | ND(0.96) J | ND(9.3) | ND(0.88) J |
| 4-Nitrophenol | ND(0.88) | ND(1.3) [ND(1.4)] | ND(0.96) | ND(9.3) | ND(0.88) J |
| 4-Nitroquinoline-1-oxide | ND(0.35) | ND(0.53) [ND(0.56)] | R | NS | ND(0.35) J |
| 4-Phenylenediamine | ND(0.35) J | ND(0.53) [ND(0.56)] | R | NS | ND(0.35) |
| Acenaphthene | 0.051 J | 0.051 J [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| Acenaphthylene | 0.051 J | 0.10 J [0.098 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| Acetophenone | 0.16 J | ND(0.53) [ND(0.56)] | ND(19) | NS | ND(0.35) |
| Aniline | ND(0.88) | 0.30 J [0.29 J] | R | NS | ND(0.88) |
| Anthracene | 0.20 J | 0.24 J [0.22 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| Aramite | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | NS | ND(0.35) |
| Benzo(a)anthracene | 0.70 | 1.8 [1.6] | ND(0.38) | 0.78 J | ND(0.35) |
| Benzo(a)pyrene | 0.72 | 2.1 [2.0] | ND(0.38) | 0.92 J | ND(0.35) |
| Benzo(b)fluoranthene | 0.64 | 2.1 [2.4] | ND(0.38) | 0.92 J | ND(0.35) |
| Benzo(g,h,i)perylene | 0.52 | 0.86 [0.80] | ND(0.38) | 0.54 J | ND(0.35) |
| Benzo(k)fluoranthene | 0.59 J | 1.8 [1.7] | ND(0.38) | 1.2 J | ND(0.35) |
| Benzyl Alcohol | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) J | NS | ND(0.35) J |
| bis(2-Chloroethoxy)methane | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| bis(2-Chloroethyl)ether | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| bis(2-Chloroisopropyl)ether | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| bis(2-Ethylhexyl)adipate | NS | NS | NS | 1.1 J | NS |
| bis(2-Ethylhexyl)phthalate | ND(0.35) | 0.031 J [0.031 J] | 0.42 J | ND(3.7) | ND(0.35) |
| Butylbenzylphthalate | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| Carbazole | NS | NS | NS | ND(3.7) | NS |
| Chrysene | 0.83 | 2.3 [2.1] | ND(0.38) | 1.1 J | ND(0.35) |
| Dibenzo(a,h)anthracene | 0.16 J | 0.30 J [0.35 J] | ND(0.38) | ND(3.7) | ND(0.35) J |
| Dibenzofuran | 0.23 J | 0.062 J [0.064 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| Diethylphthalate | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| Dimethylphthalate | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| Di-n-Butylphthalate | 0.075 J | 1.9 [2.0] | ND(0.38) | ND(3.7) | ND(0.35) |
| Di-n-Octylphthalate | ND(0.35) | ND(0.53) [ND(0.56)] | 0.28 J | ND(3.7) | ND(0.35) |
| Fluoranthene | 1.9 J | 2.2 [2.0] | ND(0.38) | 2.0 J | ND(0.35) |
| Fluorene | 0.098 J | 0.046 J [0.037 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| Hexachlorobenzene | ND(0.35) | 0.041 J [0.057 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| Hexachlorobutadiene | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| Hexachlorocyclopentadiene | ND(0.35) J | ND(0.53) [ND(0.56)] | R | ND(3.7) | ND(0.35) |
| Hexachloroethane | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| Indeno(1,2,3-cd)pyrene | 0.46 J | 0.78 [0.74] | ND(0.38) | 0.69 J | ND(0.35) |
| Isophorone | 1.0 J | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| Naphthalene | 0.54 | 0.12 J [0.14 J] | 0.80 | ND(3.7) | ND(0.35) |
| Nitrobenzene | ND(0.35) | ND(0.53) [0.030 J] | ND(0.38) | ND(3.7) | ND(0.35) |
| N-Nitroso-di-n-propylamine | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4D | 4E | 4E | 4E | 4E |
|--|--------------|---------------------|--------------------|--------------------|--------------------|
| Location ID: | SL0412 | 60-4 | K29 | K30 | K31 |
| Sample ID: | 090398MS27 | 2S-BH000779-0-0010 | 2S-BH000680-0-0060 | 2S-BH000588-0-0000 | 2S-BH000736-0-0060 |
| Sample Depth(Fee): | 1-1.5 | 1-6 | 6-15 | 0-1 | 6-15 |
| Date Collected: | 09/03/98 | 07/17/02 | 05/29/02 | 04/22/02 | 04/17/02 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | ND(3.7) | ND(0.35) |
| Pentachlorobenzene | ND(0.35) | 0.77 [1.3] | 16 J | NS | ND(0.35) |
| Pentachlorophenol | 0.88 J | ND(1.3) [ND(1.4)] | ND(0.96) | R | ND(0.88) |
| Phenacetin | ND(0.35) | ND(0.53) [0.041 J] | ND(0.38) | NS | ND(0.35) |
| Phenanthrene | 1.5 | 1.1 [0.94] | ND(0.38) | 0.84 J | ND(0.35) |
| Phenol | ND(0.35) | ND(0.53) [ND(0.56)] | 67 J | ND(3.7) | ND(0.35) |
| Pyrene | 1.8 | 2.1 [1.8] | ND(0.38) | 1.8 J | ND(0.35) |
| Pyridine | ND(0.35) | ND(0.53) [ND(0.56)] | ND(0.38) | NS | ND(0.35) |
| Safrole | ND(0.35) | ND(0.53) [ND(0.56)] | ND(19) J | NS | R |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | ND(0.036) | NS | NS | NS | NS |
| 4,4'-DDE | R | NS | NS | NS | NS |
| 4,4'-DDT | R | NS | NS | NS | NS |
| Delta-BHC | ND(0.018) | NS | NS | NS | NS |
| Dieldrin | ND(0.036) | NS | NS | NS | NS |
| Endosulfan II | ND(0.036) | NS | NS | NS | NS |
| Endosulfan Sulfate | ND(0.036) | NS | NS | NS | NS |
| Endrin | ND(0.036) | NS | NS | NS | NS |
| Endrin Aldehyde | ND(0.036) | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | ND(0.018) | NS | NS | NS | NS |
| Heptachlor Epoxide | ND(0.018) | NS | NS | NS | NS |
| Kepone | R | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | - | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | 0.000071 | NS | NS | NS | NS |
| TCDFs (total) | 0.00070 J | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | 0.000018 | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | 0.000031 | NS | NS | NS | NS |
| PeCDFs (total) | 0.00041 J | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | 0.000016 | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | 0.000010 | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | 0.000022 | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | 0.000013 | NS | NS | NS | NS |
| HxCDFs (total) | 0.00026 J | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | 0.000039 J | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | 0.0000034 | NS | NS | NS | NS |
| HpCDFs (total) | 0.000066 J | NS | NS | NS | NS |
| OCDF | 0.000021 | NS | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | 0.00000053 | NS | NS | NS | NS |
| TCDDs (total) | 0.000018 | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | 0.00000085 J | NS | NS | NS | NS |
| PeCDDs (total) | 0.000015 J | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | 0.00000094 | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | 0.0000015 | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | 0.0000015 | NS | NS | NS | NS |
| HxCDDs (total) | 0.000019 | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | 0.000014 | NS | NS | NS | NS |
| HpCDDs (total) | 0.000041 | NS | NS | NS | NS |
| OCDD | 0.000022 | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | 0.000030 | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4D | 4E | 4E | 4E | 4E |
|---------------------|------------|-----------------------|--------------------|--------------------|--------------------|
| Location ID: | SL0412 | 60-4 | K29 | K30 | K31 |
| Sample ID: | 090398MS27 | 2S-BH000779-0-0010 | 2S-BH000680-0-0060 | 2S-BH000588-0-0000 | 2S-BH000736-0-0060 |
| Sample Depth(Feet): | 1-1.5 | 1-6 | 6-15 | 0-1 | 6-15 |
| Date Collected: | 09/03/98 | 07/17/02 | 05/29/02 | 04/22/02 | 04/17/02 |
| Parameter | Inorganics | | | | |
| Antimony | 3.70 | 1.40 [3.00] | ND(0.400) | NS | ND(0.180) |
| Arsenic | 7.20 | 5.50 [9.90] | 2.10 | NS | 12.1 |
| Barium | 46.1 | 97.5 [200] | 9.60 J | NS | 22.1 |
| Beryllium | ND(0.190) | 0.160 [0.240] | 0.100 J | NS | 0.200 J |
| Cadmium | 1.00 | 1.10 [2.80] | ND(0.190) | NS | 0.240 J |
| Chromium | 101 | 20.5 [28.7] | 6.50 | NS | 14.3 |
| Cobalt | 9.40 | 2.80 [4.20] | 6.30 | NS | 12.2 |
| Copper | 363 | 600 [1380] | 25.2 | NS | 37.6 |
| Cyanide | 0.980 J | ND(0.620) [ND(0.660)] | ND(0.560) | ND(0.530) | ND(0.490) |
| Lead | 163 | 341 [2090] | 7.90 J | NS | 8.90 J |
| Mercury | 0.440 | 1.20 [1.10] | ND(0.0190) | NS | ND(0.0160) |
| Nickel | 60.3 | 68.0 [71.0] | 15.5 | NS | 24.9 |
| Selenium | 0.520 J | ND(0.280) [ND(0.310)] | ND(0.630) | NS | ND(0.200) |
| Silver | ND(0.230) | 2.00 [2.90] | ND(0.200) | NS | 0.160 J |
| Sulfide | 5.20 | ND(10.2) [ND(10.7)] | ND(8.60) J | ND(9.00) J | ND(8.50) J |
| Thallium | ND(0.660) | ND(0.210) [ND(0.220)] | ND(0.350) | NS | ND(0.590) |
| Tin | 52.6 | 47.6 [96.6] | 0.380 J | NS | ND(0.290) |
| Vanadium | 31.9 | 6.80 [9.20] | 5.00 J | NS | 7.80 |
| Zinc | 138 | 435 [973] | 46.4 | NS | 78.9 |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4E | 4E | 4E | 4E | 4E | |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------|
| Location ID: | M30 | O15 | O19 | O25 | O6 | |
| Sample ID: | 2S-BH000589-0-0000 | 2S-BH000732-0-0060 | 2S-BH000745-0-0060 | 2S-BH000730-0-0060 | 2S-BH000743-0-0080 | |
| Sample Depth(Feet): | 0-1 | 6-15 | 6-15 | 6-15 | 8-15 | |
| Parameter | Date Collected: | 04/22/02 | 06/14/02 | 06/26/02 | 06/14/02 | 04/18/02 |
| Volatile Organics | | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,1,1-Trichloroethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,1,2-Trichloroethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,1-Dichloroethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,1-Dichloroethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS | |
| 1,2,4-Trichlorobenzene | NS | NS | ND(0.75) J | NS | ND(0.0057) | |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS | |
| 1,2-Dibromoethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,2-Dichloroethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,2-Dichloropropane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS | |
| 1,3-Dichlorobenzene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,4-Dichlorobenzene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 1,4-Dioxane | NS | NS | R | NS | R | |
| 2-Butanone | NS | NS | R | NS | 0.015 J | |
| 2-Chloro-1,3-butadiene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 2-Chloroethylvinylether | NS | NS | ND(0.75) | NS | R | |
| 2-Hexanone | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 3-Chloropropene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| 4-Methyl-2-pentanone | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Acetone | NS | NS | 0.50 J | NS | ND(0.054) J | |
| Acrolein | NS | NS | R | NS | R | |
| Acrylonitrile | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Benzene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Bromodichloromethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Bromoform | NS | NS | ND(0.75) J | NS | ND(0.0057) | |
| Bromomethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Carbon Disulfide | NS | NS | 0.22 J | NS | 0.0025 J | |
| Carbon Tetrachloride | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Chlorobenzene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Chloroethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Chloroform | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Chloromethane | NS | NS | ND(0.75) J | NS | 0.015 | |
| cis-1,2-Dichloroethene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| cis-1,3-Dichloropropene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Dibromochloromethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Dibromomethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Ethyl Methacrylate | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Ethylbenzene | NS | NS | 0.20 J | NS | ND(0.0057) | |
| Freon 12 | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Iodomethane | NS | NS | ND(0.75) J | NS | ND(0.0057) | |
| Isobutanol | NS | NS | R | NS | R | |
| Isopropylbenzene | NS | NS | NS | NS | NS | |
| m&p-Xylene | NS | NS | ND(0.75) | NS | 0.0014 J | |
| Methacrylonitrile | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Methyl Methacrylate | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Methylene Chloride | NS | NS | ND(0.75) | NS | 0.0021 J | |
| Naphthalene | NS | NS | 0.72 J | NS | ND(0.0057) | |
| n-Butylbenzene | NS | NS | NS | NS | NS | |
| n-Propylbenzene | NS | NS | NS | NS | NS | |
| o-Xylene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| p-Isopropyltoluene | NS | NS | NS | NS | NS | |
| Propionitrile | NS | NS | R | NS | R | |
| Styrene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Tetrachloroethene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Tetrahydrofuran | NS | NS | NS | NS | NS | |
| Toluene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| trans-1,2-Dichloroethene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| trans-1,3-Dichloropropene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Trichloroethene | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Trichlorofluoromethane | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Vinyl Acetate | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Vinyl Chloride | NS | NS | ND(0.75) | NS | ND(0.0057) | |
| Xylenes (total) | NS | NS | ND(0.75) | NS | 0.0014 J | |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4E M30 2S-BH000589-0-0000 0-1 04/22/02 | 4E O15 2S-BH000732-0-0060 6-15 06/14/02 | 4E O19 2S-BH000745-0-0060 6-15 06/26/02 | 4E O25 2S-BH000730-0-0060 6-15 06/14/02 | 4E Q6 2S-BH000743-0-0080 8-15 04/18/02 |
|---|--|---|---|---|--|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | NS | ND(4.5) | 0.26 J | ND(4.0) | ND(0.41) |
| 1,2,4-Trichlorobenzene | ND(0.36) | ND(4.5) | 6.0 | 3.0 J | ND(0.41) |
| 1,2-Dichlorobenzene | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 1,3-Dichlorobenzene | ND(0.36) | ND(4.5) | 0.44 J | 0.86 J | ND(0.41) |
| 1,4-Dichlorobenzene | ND(0.36) | ND(4.5) | 0.85 J | 1.8 J | ND(0.41) |
| 2,4,5-Trichlorophenol | ND(0.89) | ND(11) | ND(13) | ND(10) | ND(1.0) |
| 2,4,6-Trichlorophenol | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 2,4-Dichlorophenol | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 2,4-Dimethylphenol | ND(0.36) | 2.4 J | 1.2 J | ND(4.0) | ND(0.41) |
| 2,4-Dinitrophenol | ND(0.89) | ND(11) | ND(13) | ND(10) | ND(1.0) |
| 2,4-Dinitrotoluene | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 2,6-Dinitrotoluene | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 2-Chloronaphthalene | ND(0.36) | 0.56 J | ND(5.1) | ND(4.0) | ND(0.41) |
| 2-Chlorophenol | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 2-Methylnaphthalene | ND(0.36) | 13 | 4.9 J | 0.30 J | ND(0.41) |
| 2-Methylphenol | ND(0.36) | 1.8 J | 0.42 J | ND(4.0) | ND(0.41) |
| 2-Nitroaniline | ND(0.89) | ND(11) | ND(13) | ND(10) | ND(1.0) |
| 2-Nitrophenol | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 2-Picoline | NS | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 3,3'-Dichlorobenzidine | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 3-Nitroaniline | ND(0.89) | ND(11) | ND(13) | ND(10) | ND(1.0) |
| 4,6-Dinitro-2-methylphenol | ND(0.89) | ND(11) | ND(13) | ND(10) | ND(1.0) |
| 4-Bromophenyl-phenylether | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 4-Chloro-3-Methylphenol | ND(0.36) | ND(4.5) | ND(5.1) J | ND(4.0) | ND(0.41) |
| 4-Chloroaniline | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 4-Chlorophenyl-phenylether | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| 4-Methylphenol | ND(0.36) | 3.6 J | 2.4 J | ND(4.0) | ND(0.41) |
| 4-Nitroaniline | ND(0.89) | ND(11) J | ND(13) | ND(10) J | ND(1.0) J |
| 4-Nitrophenol | ND(0.89) | ND(11) J | ND(13) | ND(10) J | ND(1.0) J |
| 4-Nitroquinoline-1-oxide | NS | ND(4.5) J | ND(5.1) J | ND(4.0) J | ND(0.41) J |
| 4-Phenylenediamine | NS | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Acenaphthene | ND(0.36) | 10 | 5.6 | 0.55 J | 0.041 J |
| Acenaphthylene | ND(0.36) | 3.4 J | ND(5.1) | ND(4.0) | ND(0.41) |
| Acetophenone | NS | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Aniline | NS | 1.2 J | ND(13) | ND(10) | ND(1.0) |
| Anthracene | ND(0.36) | 19 | 6.8 | ND(4.0) | 0.041 J |
| Aramite | NS | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Benzo(a)anthracene | 0.23 J | 43 | 11 | 0.38 J | 0.26 J |
| Benzo(a)pyrene | 0.25 J | 27 | 11 | 0.34 J | 0.29 J |
| Benzo(b)fluoranthene | 0.26 J | 34 | 11 | 0.40 J | 0.44 |
| Benzo(g,h,i)perylene | 0.14 J | 13 | 6.5 | 0.36 J | 0.21 J |
| Benzo(k)fluoranthene | 0.26 J | 26 | 9.4 | 0.42 J | 0.33 J |
| Benzyl Alcohol | NS | ND(4.5) J | ND(5.1) J | ND(4.0) J | ND(0.41) J |
| bis(2-Chloroethoxy)methane | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| bis(2-Chloroethyl)ether | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| bis(2-Chloroisopropyl)ether | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| bis(2-Ethylhexyl)adipate | 0.17 J | NS | NS | NS | NS |
| bis(2-Ethylhexyl)phthalate | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Butylbenzylphthalate | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Carbazole | ND(0.36) | NS | NS | NS | NS |
| Chrysene | 0.27 J | 35 | 12 | 0.63 J | 0.37 J |
| Dibenzo(a,h)anthracene | 0.072 J | 5.9 J | 2.2 J | ND(4.0) J | 0.066 J |
| Dibenzofuran | ND(0.36) | 12 | 1.1 J | ND(4.0) | ND(0.41) |
| Diethylphthalate | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Dimethylphthalate | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Di-n-Butylphthalate | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | 0.097 J |
| Di-n-Octylphthalate | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Fluoranthene | 0.49 | 81 | 17 | 0.40 J | 0.47 |
| Fluorene | ND(0.36) | 24 | 3.6 J | 0.44 J | 0.028 J |
| Hexachlorobenzene | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Hexachlorobutadiene | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Hexachlorocyclopentadiene | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Hexachloroethane | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Indeno(1,2,3-cd)pyrene | 0.19 J | 13 | 5.4 | 0.22 J | 0.17 J |
| Isophorone | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Naphthalene | ND(0.36) | 14 | 6.5 | 1.8 J | 0.025 J |
| Nitrobenzene | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| N-Nitroso-di-n-propylamine | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4E M30 2S-BH000589-0-0000 0-1 04/22/02 | 4E O15 2S-BH000732-0-0060 6-15 06/14/02 | 4E O19 2S-BH000745-0-0060 6-15 06/26/02 | 4E O25 2S-BH000730-0-0080 6-15 06/14/02 | 4E Q6 2S-BH000743-0-0080 8-15 04/18/02 |
|---|--|---|---|---|--|
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(0.36) | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Pentachlorobenzene | NS | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Pentachlorophenol | ND(0.89) | ND(11) | ND(13) | ND(10) | ND(1.0) |
| Phenacetin | NS | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Phenanthrene | 0.15 J | 91 | 21 | 1.2 J | 0.30 J |
| Phenol | ND(0.36) | 2.4 J | 0.52 J | ND(4.0) | ND(0.41) |
| Pyrene | 0.45 | 69 | 22 | 0.78 J | 0.53 |
| Pyridine | NS | ND(4.5) | ND(5.1) | ND(4.0) | ND(0.41) |
| Safrrole | NS | R | R | R | R |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | NS | NS | NS | NS | NS |
| 4,4'-DDE | NS | NS | NS | NS | NS |
| 4,4'-DDT | NS | NS | NS | NS | NS |
| Delta-BHC | NS | NS | NS | NS | NS |
| Dieldrin | NS | NS | NS | NS | NS |
| Endosulfan II | NS | NS | NS | NS | NS |
| Endosulfan Sulfate | NS | NS | NS | NS | NS |
| Endrin | NS | NS | NS | NS | NS |
| Endrin Aldehyde | NS | NS | NS | NS | NS |
| Gamma-BHC (Lindane) | NS | NS | NS | NS | NS |
| Heptachlor Epoxide | NS | NS | NS | NS | NS |
| Kepone | NS | NS | NS | NS | NS |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Herbicides | | | | | |
| None Detected | NS | NS | NS | NS | NS |
| Furans | | | | | |
| 2,3,7,8-TCDF | 0.00031 | NS | NS | NS | NS |
| TCDFs (total) | 0.0014 | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDF | 0.00020 | NS | NS | NS | NS |
| 2,3,4,7,8-PeCDF | 0.00021 | NS | NS | NS | NS |
| PeCDFs (total) | 0.0019 J | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDF | 0.00016 | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDF | 0.000094 | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDF | 0.000028 | NS | NS | NS | NS |
| 2,3,4,6,7,8-HxCDF | 0.00010 | NS | NS | NS | NS |
| HxCDFs (total) | 0.0013 | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDF | 0.00012 | NS | NS | NS | NS |
| 1,2,3,4,7,8,9-HpCDF | 0.000029 | NS | NS | NS | NS |
| HpCDFs (total) | 0.00028 | NS | NS | NS | NS |
| OCDF | 0.00013 | NS | NS | NS | NS |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | 0.0000029 | NS | NS | NS | NS |
| TCDDs (total) | 0.000019 | NS | NS | NS | NS |
| 1,2,3,7,8-PeCDD | 0.0000061 | NS | NS | NS | NS |
| PeCDDs (total) | 0.000023 | NS | NS | NS | NS |
| 1,2,3,4,7,8-HxCDD | 0.0000027 | NS | NS | NS | NS |
| 1,2,3,6,7,8-HxCDD | 0.0000031 | NS | NS | NS | NS |
| 1,2,3,7,8,9-HxCDD | 0.0000023 | NS | NS | NS | NS |
| HxCDDs (total) | 0.0000034 | NS | NS | NS | NS |
| 1,2,3,4,6,7,8-HpCDD | 0.000017 | NS | NS | NS | NS |
| HpCDDs (total) | 0.000032 | NS | NS | NS | NS |
| OCDD | 0.000096 | NS | NS | NS | NS |
| Total TEQs (WHO TEFs) | 0.00020 | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4E | 4E | 4E | 4E | 4E |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Location ID: | M30 | O15 | O19 | Q25 | Q6 |
| Sample ID: | 2S-BH000589-0-0000 | 2S-BH000732-0-0060 | 2S-BH000745-0-0060 | 2S-BH000730-0-0060 | 2S-BH000743-0-0080 |
| Sample Depth(Feet): | 0-1 | 6-15 | 6-15 | 6-15 | 8-15 |
| Date Collected: | 04/22/02 | 06/14/02 | 06/26/02 | 06/14/02 | 04/18/02 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | NS | 26.2 | 27.2 | 1.60 J | ND(0.900) |
| Arsenic | NS | 38.9 | 67.3 | 3.70 | 3.30 |
| Barium | NS | 511 | 1230 | 27.8 | 41.7 |
| Beryllium | NS | 0.450 J | 0.360 J | 0.260 J | 0.320 J |
| Cadmium | NS | 20.1 | 27.7 | 0.170 J | 0.200 J |
| Chromium | NS | 67.0 | 140 | 12.6 | 12.5 |
| Cobalt | NS | 10.7 | 15.1 | 8.40 | 7.70 |
| Copper | NS | 5130 | 7380 | 38.6 | 42.0 |
| Cyanide | ND(0.480) | 0.830 | ND(0.740) | ND(0.670) | ND(0.600) |
| Lead | NS | 7650 | 15000 | 29.7 | 25.7 J |
| Mercury | NS | 0.810 | 1.90 | 0.120 | 0.0390 J |
| Nickel | NS | 112 | 144 | 12.8 | 13.5 |
| Selenium | NS | 1.30 | 1.90 | 0.260 J | ND(0.250) |
| Silver | NS | 39.9 | 23.1 | ND(0.180) | ND(0.150) |
| Sulfide | ND(8.20) J | ND(9.90) J | ND(11.2) J | ND(8.40) J | ND(9.40) J |
| Thallium | NS | ND(0.770) | ND(0.920) | ND(0.690) | ND(0.720) |
| Tin | NS | 899 | 1710 | ND(1.50) | 1.90 J |
| Vanadium | NS | 18.8 | 16.5 | 7.30 | 10.0 |
| Zinc | NS | 5270 | 7650 | 68.2 | 69.2 |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4E SL0014 080798CT15 1-1.5 08/07/98 | 4E SL0025 080798SB17 0-0.5 08/07/98 | 4E SL0040 080798CT33 0-0.5 08/07/98 | 4E SL0153 081798CT27 1-1.5 08/17/98 | 4E SL0161 081798BT20 0-0.5 08/17/98 | 4E SL0166 081798BT39 0-0.5 08/17/98 | 4E SL0187 081898CT37 0-0.5 08/18/98 |
|---|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | NS | NS | NS | NS | NS |
| 1,1,1-Trichloroethane | NS | NS | NS | NS | NS | NS | NS |
| 1,1,2-Trichloroethane | NS | NS | NS | NS | NS | NS | NS |
| 1,1-Dichloroethane | NS | NS | NS | NS | NS | NS | NS |
| 1,1-Dichloroethene | NS | NS | NS | NS | NS | NS | NS |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS | NS | NS |
| 1,2,4-Trichlorobenzene | NS | NS | NS | NS | NS | NS | NS |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS | NS | NS |
| 1,2-Dibromoethane | NS | NS | NS | NS | NS | NS | NS |
| 1,2-Dichloroethane | NS | NS | NS | NS | NS | NS | NS |
| 1,2-Dichloropropane | NS | NS | NS | NS | NS | NS | NS |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS | NS | NS |
| 1,3-Dichlorobenzene | NS | NS | NS | NS | NS | NS | NS |
| 1,4-Dichlorobenzene | NS | NS | NS | NS | NS | NS | NS |
| 1,4-Dioxane | NS | NS | NS | NS | NS | NS | NS |
| 2-Butanone | NS | NS | NS | NS | NS | NS | NS |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS | NS | NS |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS | NS | NS |
| 2-Hexanone | NS | NS | NS | NS | NS | NS | NS |
| 3-Chloropropene | NS | NS | NS | NS | NS | NS | NS |
| 4-Methyl-2-pentanone | NS | NS | NS | NS | NS | NS | NS |
| Acetone | NS | NS | NS | NS | NS | NS | NS |
| Acrolein | NS | NS | NS | NS | NS | NS | NS |
| Acrylonitrile | NS | NS | NS | NS | NS | NS | NS |
| Benzene | NS | NS | NS | NS | NS | NS | NS |
| Bromodichloromethane | NS | NS | NS | NS | NS | NS | NS |
| Bromoform | NS | NS | NS | NS | NS | NS | NS |
| Bromomethane | NS | NS | NS | NS | NS | NS | NS |
| Carbon Disulfide | NS | NS | NS | NS | NS | NS | NS |
| Carbon Tetrachloride | NS | NS | NS | NS | NS | NS | NS |
| Chlorobenzene | NS | NS | NS | NS | NS | NS | NS |
| Chloroethane | NS | NS | NS | NS | NS | NS | NS |
| Chloroform | NS | NS | NS | NS | NS | NS | NS |
| Chloromethane | NS | NS | NS | NS | NS | NS | NS |
| cis-1,2-Dichloroethene | NS | NS | NS | NS | NS | NS | NS |
| cis-1,3-Dichloropropene | NS | NS | NS | NS | NS | NS | NS |
| Dibromochloromethane | NS | NS | NS | NS | NS | NS | NS |
| Dibromomethane | NS | NS | NS | NS | NS | NS | NS |
| Ethyl Methacrylate | NS | NS | NS | NS | NS | NS | NS |
| Ethylbenzene | NS | NS | NS | NS | NS | NS | NS |
| Freon 12 | NS | NS | NS | NS | NS | NS | NS |
| Iodomethane | NS | NS | NS | NS | NS | NS | NS |
| Isobutanol | NS | NS | NS | NS | NS | NS | NS |
| Isopropylbenzene | NS | NS | NS | NS | NS | NS | NS |
| m&p-Xylene | NS | NS | NS | NS | NS | NS | NS |
| Methacrylonitrile | NS | NS | NS | NS | NS | NS | NS |
| Methyl Methacrylate | NS | NS | NS | NS | NS | NS | NS |
| Methylene Chloride | NS | NS | NS | NS | NS | NS | NS |
| Naphthalene | NS | NS | NS | NS | NS | NS | NS |
| n-Butylbenzene | NS | NS | NS | NS | NS | NS | NS |
| n-Propylbenzene | NS | NS | NS | NS | NS | NS | NS |
| o-Xylene | NS | NS | NS | NS | NS | NS | NS |
| p-Isopropyltoluene | NS | NS | NS | NS | NS | NS | NS |
| Propionitrile | NS | NS | NS | NS | NS | NS | NS |
| Styrene | NS | NS | NS | NS | NS | NS | NS |
| Tetrachloroethene | NS | NS | NS | NS | NS | NS | NS |
| Tetrahydrofuran | NS | NS | NS | NS | NS | NS | NS |
| Toluene | NS | NS | NS | NS | NS | NS | NS |
| trans-1,2-Dichloroethene | NS | NS | NS | NS | NS | NS | NS |
| trans-1,3-Dichloropropene | NS | NS | NS | NS | NS | NS | NS |
| Trichloroethene | NS | NS | NS | NS | NS | NS | NS |
| Trichlorofluoromethane | NS | NS | NS | NS | NS | NS | NS |
| Vinyl Acetate | NS | NS | NS | NS | NS | NS | NS |
| Vinyl Chloride | NS | NS | NS | NS | NS | NS | NS |
| Xylenes (total) | NS | NS | NS | NS | NS | NS | NS |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4E SL0014 080798CT15 1-1.5 08/07/98 | 4E SL0025 080798SB17 0-0.5 08/07/98 | 4E SL0040 080798CT33 0-0.5 08/07/98 | 4E SL0153 081798CT27 1-1.5 08/17/98 | 4E SL0161 081798BT20 0-0.5 08/17/98 | 4E SL0166 081798BT39 0-0.5 08/17/98 | 4E SL0187 081898CT37 0-0.5 08/18/98 |
|---|---|---|---|---|---|---|---|
| Semivolatile Organics | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND(0.35) J | ND(0.34) J | 0.19 J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 1,2,4-Trichlorobenzene | ND(0.35) J | ND(0.34) J | 2.9 J | 0.044 J | 0.18 J | 0.076 J | 0.043 J |
| 1,2-Dichlorobenzene | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 1,3-Dichlorobenzene | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 1,4-Dichlorobenzene | ND(0.35) J | ND(0.34) J | 0.087 J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 2,4,5-Trichlorophenol | ND(0.87) J | ND(0.86) J | ND(1.8) J | ND(0.91) | ND(3.2) | ND(1.8) | ND(0.93) |
| 2,4,6-Trichlorophenol | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 2,4-Dichlorophenol | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 2,4-Dimethylphenol | ND(0.35) J | ND(0.34) J | 0.36 J | 0.83 | 0.37 J | 3.8 | 0.056 J |
| 2,4-Dinitrophenol | ND(0.87) J | ND(0.86) J | ND(1.8) J | ND(0.91) | ND(3.2) | ND(1.8) | ND(0.93) |
| 2,4-Dinitrotoluene | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) J | ND(1.3) J | ND(0.73) J | ND(0.37) J |
| 2,6-Dinitrotoluene | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 2-Chloronaphthalene | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) J | ND(1.3) J | 0.18 J | ND(0.37) J |
| 2-Chlorophenol | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 2-Methylnaphthalene | ND(0.35) J | ND(0.34) J | 0.17 J | 0.096 J | 0.75 J | 0.18 J | 0.17 J |
| 2-Methylphenol | ND(0.35) J | ND(0.34) J | 0.55 J | 0.75 | 0.26 J | 3.2 | 0.070 J |
| 2-Nitroaniline | ND(0.87) J | ND(0.86) J | ND(1.8) J | ND(0.91) | ND(3.2) | ND(1.8) | ND(0.93) |
| 2-Nitrophenol | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 2-Picoline | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 3,3'-Dichlorobenzidine | R | R | R | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) J |
| 3-Nitroaniline | ND(0.87) J | ND(0.86) J | ND(1.8) J | ND(0.91) | ND(3.2) | ND(1.8) | ND(0.93) |
| 4,6-Dinitro-2-methylphenol | ND(0.87) J | ND(0.86) J | ND(1.8) J | ND(0.91) | ND(3.2) | ND(1.8) | ND(0.93) |
| 4-Bromophenyl-phenylether | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) J | ND(1.3) J | ND(0.73) J | ND(0.37) J |
| 4-Chloro-3-Methylphenol | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 4-Chloroaniline | R | R | R | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 4-Chlorophenyl-phenylether | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) J | ND(1.3) J | ND(0.73) J | ND(0.37) J |
| 4-Methylphenol | ND(0.35) J | ND(0.34) J | 0.62 J | 2.1 | 0.53 J | 7.8 | ND(0.37) |
| 4-Nitroaniline | ND(0.87) J | ND(0.86) J | ND(1.8) J | ND(0.91) | ND(3.2) | ND(1.8) | ND(0.93) |
| 4-Nitrophenol | ND(0.87) J | ND(0.86) J | ND(1.8) J | ND(0.91) | ND(3.2) | ND(1.8) | ND(0.93) |
| 4-Nitroquinoline-1-oxide | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| 4-Phenylenediamine | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) J | ND(0.73) | ND(0.37) J |
| Acenaphthene | ND(0.35) J | ND(0.34) J | ND(0.73) J | 0.042 J | 2.2 | ND(0.73) | 0.17 J |
| Acenaphthylene | ND(0.35) J | ND(0.34) J | 0.31 J | ND(0.36) | 0.18 J | ND(0.73) | 0.19 J |
| Acetophenone | ND(0.35) J | ND(0.34) J | ND(0.73) J | 0.17 J | 0.31 J | 0.55 J | 0.042 J |
| Aniline | R | R | 6.4 J | 1.3 | 4.0 | 24 | ND(0.93) |
| Anthracene | ND(0.35) J | ND(0.34) J | 0.15 J | 0.083 J | 4.1 | 0.091 J | 0.72 |
| Aramite | R | R | R | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| Benzo(a)anthracene | ND(0.35) J | 0.098 J | 1.1 J | 0.38 | 8.1 | 1.2 | 2.4 J |
| Benzo(a)pyrene | ND(0.35) J | 0.12 J | 1.5 J | 0.46 J | 7.2 J | 1.2 J | 2.7 J |
| Benzo(b)fluoranthene | 0.032 J | 0.11 J | 1.3 J | 0.50 J | 7.7 J | 3.7 J | 2.3 J |
| Benzo(g,h,i)perylene | ND(0.35) J | 0.095 J | 1.1 J | 0.52 J | 7.2 J | 2.4 J | 2.3 J |
| Benzo(k)fluoranthene | 0.034 J | 0.12 J | 1.3 J | 0.43 J | 6.4 J | 1.9 J | 2.2 J |
| Benzyl Alcohol | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | 0.10 J |
| bis(2-Chloroethoxy)methane | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| bis(2-Chloroethyl)ether | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| bis(2-Chloroisopropyl)ether | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) J | ND(1.3) J | ND(0.73) J | ND(0.37) J |
| bis(2-Ethylhexyl)adipate | NS | NS | NS | NS | NS | NS | NS |
| bis(2-Ethylhexyl)phthalate | ND(0.35) J | ND(0.34) J | 0.097 J | ND(0.36) | ND(1.3) J | ND(0.73) J | ND(0.37) J |
| Butylbenzylphthalate | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) J | ND(0.73) J | ND(0.37) J |
| Carbazole | NS | NS | NS | NS | NS | NS | NS |
| Chrysene | 0.039 J | 0.13 J | 1.3 J | 0.51 | 8.8 | 2.6 | 2.6 J |
| Dibenzo(a,h)anthracene | ND(0.35) J | ND(0.34) J | 0.19 J | 0.17 J | 2.3 J | 0.89 J | 0.61 J |
| Dibenzofuran | ND(0.35) J | ND(0.34) J | 0.12 J | 0.046 J | 1.5 | ND(0.73) | 0.22 J |
| Diethylphthalate | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) J | ND(0.73) J | ND(0.37) J |
| Dimethylphthalate | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) J | ND(1.3) J | ND(0.73) | ND(0.37) J |
| Di-n-Butylphthalate | ND(0.35) J | 0.038 J | ND(0.73) J | 1.1 | 0.53 J | 3.6 J | 0.23 J |
| Di-n-Octylphthalate | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) J |
| Fluoranthene | 0.058 J | 0.24 J | 1.4 J | 0.64 | 15 J | 1.5 J | 4.1 J |
| Fluorene | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | 2.7 | ND(0.73) | 0.20 J |
| Hexachlorobenzene | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| Hexachlorobutadiene | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | 0.42 J | ND(0.73) | ND(0.37) |
| Hexachlorocyclopentadiene | R | R | R | ND(0.36) | ND(1.3) J | ND(0.73) J | ND(0.37) |
| Hexachloroethane | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| Indeno(1,2,3-cd)pyrene | ND(0.35) J | 0.094 J | 1.0 J | 0.53 J | 7.2 J | 2.4 J | 2.3 J |
| Isophorone | 0.078 J | 0.10 J | 0.26 J | 0.21 J | ND(1.3) | 0.33 J | 0.12 J |
| Naphthalene | ND(0.35) J | ND(0.34) J | 0.43 J | 0.14 J | 1.1 J | 0.30 J | 0.30 J |
| Nitrobenzene | ND(0.35) J | ND(0.34) J | ND(0.73) J | 0.050 J | ND(1.3) | ND(0.73) | ND(0.37) |
| N-Nitroso-di-n-propylamine | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4E | 4E | 4E | 4E | 4E | 4E | 4E |
|--|-----------------|-------------|------------|------------|------------|------------|------------|
| Location ID: | SL0014 | SL0025 | SL0040 | SL0153 | SL0161 | SL0166 | SL0187 |
| Sample ID: | 080798CT15 | 080798SB17 | 080798CT33 | 081798CT27 | 081798BT20 | 081798BT39 | 081898CT37 |
| Sample Depth(Feet): | 1-1.5 | 0-0.5 | 0-0.5 | 1-1.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| Parameter | Date Collected: | 08/07/98 | 08/07/98 | 08/07/98 | 08/17/98 | 08/17/98 | 08/18/98 |
| Semivolatile Organics (continued) | | | | | | | |
| N-Nitrosodiphenylamine | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | 0.12 J | 0.41 J | ND(0.97) |
| Pentachlorobenzene | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| Pentachlorophenol | ND(0.87) J | ND(0.86) J | ND(1.8) J | ND(0.91) | ND(3.2) | ND(1.8) | ND(0.93) |
| Phenacetin | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| Phenanthrene | 0.035 J | 0.088 J | 0.66 J | 0.53 | 15 | 0.55 J | 3.8 |
| Phenol | ND(0.35) J | ND(0.34) J | ND(0.73) J | 2.4 | 3.1 | 9.1 | 0.52 |
| Pyrene | 0.050 J | 0.22 J | 1.8 J | 0.85 | 16 | 1.6 | 6.4 |
| Pyridine | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| Safrrole | ND(0.35) J | ND(0.34) J | ND(0.73) J | ND(0.36) | ND(1.3) | ND(0.73) | ND(0.37) |
| Organochlorine Pesticides | | | | | | | |
| 4,4'-DDD | ND(0.18) | ND(0.071) | ND(110) | ND(7.4) | ND(2.0) | ND(7.5) | ND(0.76) |
| 4,4'-DDE | ND(0.18) | ND(0.071) | 150 J | ND(7.4) | ND(2.0) | ND(7.5) | ND(0.76) |
| 4,4'-DDT | ND(0.18) | ND(0.071) | R | ND(7.4) | ND(2.0) | ND(7.5) | ND(0.76) |
| Delta-BHC | ND(0.089) | ND(0.035) | ND(57) | ND(3.7) | ND(1.0) | ND(3.8) | ND(0.38) |
| Dieldrin | ND(0.18) | R | R | ND(7.4) | R | ND(7.5) | ND(0.76) |
| Endosulfan II | ND(0.18) | ND(0.071) | ND(110) | ND(7.4) | ND(2.0) | ND(7.5) | ND(0.76) |
| Endosulfan Sulfate | ND(0.18) | ND(0.071) | ND(110) | ND(7.4) | ND(2.0) | ND(7.5) | ND(0.76) |
| Endrin | ND(0.18) | ND(0.071) | ND(110) | ND(7.4) | ND(2.0) | ND(7.5) | ND(0.76) |
| Endrin Aldehyde | ND(0.18) | ND(0.071) | ND(110) | ND(7.4) | ND(2.0) | ND(7.5) | ND(0.76) |
| Gamma-BHC (Lindane) | ND(0.089) | ND(0.035) | ND(57) | ND(3.7) | ND(1.0) | ND(3.8) | ND(0.38) |
| Heptachlor Epoxide | ND(0.089) | ND(0.035) | ND(57) | ND(3.7) | ND(1.0) | ND(3.8) | ND(0.38) |
| Kepona | R | R | R | R | R | R | R |
| Organophosphate Pesticides | | | | | | | |
| None Detected | -- | NS | -- | NS | -- | NS | NS |
| Herbicides | | | | | | | |
| None Detected | -- | -- | -- | -- | -- | -- | -- |
| Furans | | | | | | | |
| 2,3,7,8-TCDF | 0.00010 | 0.000044 | 0.010 | 0.000065 | 0.00018 | 0.00015 | 0.00010 |
| TCDFs (total) | 0.00084 J | 0.00031 J | 0.081 J | 0.00082 J | 0.0037 J | 0.0032 J | 0.0013 J |
| 1,2,3,7,8-PeCDF | 0.000029 | 0.000016 | 0.0061 | 0.000057 | 0.00013 | 0.000077 | 0.000059 |
| 2,3,4,7,8-PeCDF | 0.000031 | 0.000032 | 0.0084 | 0.000086 | 0.00040 | 0.00032 | 0.000080 |
| PeCDFs (total) | 0.00046 J | 0.00060 J | 0.090 J | 0.0011 J | 0.0063 J | 0.0055 J | 0.0012 J |
| 1,2,3,4,7,8-HxCDF | 0.000038 | 0.000021 | 0.011 | 0.00019 | 0.00038 | 0.00023 | 0.00011 |
| 1,2,3,6,7,8-HxCDF | 0.000020 | 0.000027 | 0.0075 | 0.000089 J | 0.00028 J | 0.00018 J | 0.000067 J |
| 1,2,3,7,8,9-HxCDF | 0.000047 | 0.000037 | 0.011 | 0.00022 | 0.00056 | 0.00033 | 0.00010 |
| 2,3,4,6,7,8-HxCDF | 0.000018 | 0.000041 | 0.0039 | 0.000070 | 0.00038 | 0.00034 | 0.000073 |
| HxCDFs (total) | 0.00035 J | 0.00068 J | 0.064 J | 0.0011 J | 0.0056 J | 0.0051 J | 0.0012 J |
| 1,2,3,4,6,7,8-HpCDF | 0.00011 J | 0.000090 J | 0.015 J | 0.00025 J | 0.00063 J | 0.00052 J | 0.00039 J |
| 1,2,3,4,7,8,9-HpCDF | 0.000051 | 0.000037 | 0.0012 | 0.000051 | 0.000066 | 0.000042 | 0.000019 |
| HpCDFs (total) | 0.00014 J | 0.00014 J | 0.020 J | 0.00047 J | 0.0013 J | 0.0012 J | 0.00088 J |
| OCDF | 0.000048 | 0.000026 | 0.0068 | 0.00041 | 0.00038 | 0.00029 | 0.00084 |
| Dioxins | | | | | | | |
| 2,3,7,8-TCDD | 0.0000072 | 0.0000040 | 0.000074 | 0.000032 | 0.000011 | 0.000012 | 0.00011 |
| TCDDs (total) | 0.000016 | 0.000030 | 0.0016 | 0.00022 | 0.000060 | 0.000046 | 0.00048 |
| 1,2,3,7,8-PeCDD | 0.000012 J | 0.0000074 J | 0.0017 J | 0.000019 J | 0.000074 | 0.000054 | 0.00011 |
| PeCDDs (total) | 0.000035 J | 0.000018 J | 0.0011 J | 0.000025 | 0.000097 | 0.000071 | 0.00047 |
| 1,2,3,4,7,8-HxCDD | 0.000011 | 0.0000099 | 0.0012 | 0.000033 | 0.000070 | 0.000052 | 0.00012 |
| 1,2,3,6,7,8-HxCDD | 0.000022 | 0.000015 | 0.0021 | 0.000046 | 0.00015 | 0.00013 | 0.00018 |
| 1,2,3,7,8,9-HxCDD | 0.000023 | 0.000013 | 0.0012 | 0.000028 | 0.00010 | 0.000090 | 0.00011 |
| HxCDDs (total) | 0.000024 | 0.000013 | 0.0030 | 0.000047 | 0.00019 | 0.00015 | 0.00053 |
| 1,2,3,4,6,7,8-HpCDD | 0.000011 | 0.000011 | 0.00059 | 0.000032 | 0.000064 | 0.000059 | 0.00026 |
| HpCDDs (total) | 0.000022 | 0.000020 | 0.0013 | 0.000062 | 0.00013 | 0.00012 | 0.00054 |
| OCDD | 0.000092 | 0.000096 | 0.0016 | 0.00044 | 0.00041 | 0.00044 | 0.0032 |
| Total TEQs (WHO TEFs) | 0.000039 | 0.000033 | 0.0083 | 0.000099 | 0.00036 | 0.00028 | 0.00021 |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4E | 4E | 4E | 4E | 4E | 4E | 4E |
|---------------------|--------------|-------------|-------------|------------|------------|------------|------------|
| Location ID: | SL0014 | SL0025 | SL0040 | SL0153 | SL0161 | SL0166 | SL0187 |
| Sample ID: | 080798CT15 | 080798SB17 | 080798CT33 | 081798CT27 | 081798BT20 | 081798BT39 | 081898CT37 |
| Sample Depth(Feet): | 1-1.5 | 0-0.5 | 0-0.5 | 1-1.5 | 0-0.5 | 0-0.5 | 0-0.5 |
| Date Collected: | 08/07/98 | 08/07/98 | 08/07/98 | 08/17/98 | 08/17/98 | 08/17/98 | 08/18/98 |
| Inorganics | | | | | | | |
| Antimony | R | R | 5.90 J | 6.20 | ND(2.30) | 4.30 J | 1.50 J |
| Arsenic | 5.30 J | 3.60 J | 9.10 J | 8.90 | 15.1 | 9.90 | 9.80 |
| Barium | 23.1 J | 24.9 J | 125 J | 36.5 J | 114 J | 46.5 J | 50.6 |
| Beryllium | 0.190 J | 0.140 J | 0.310 J | ND(0.0300) | 0.220 J | 0.120 J | 0.250 J |
| Cadmium | ND(0.0600) J | 0.180 J | 4.50 J | 15.5 | 5.10 | ND(0.700) | ND(0.0900) |
| Chromium | 8.20 | 6.40 | 54.1 | 9.60 J | 20.2 J | 20.5 J | 17.9 |
| Cobalt | 7.30 J | 7.80 J | 11.7 J | 8.00 | 8.50 | 8.20 | 4.80 J |
| Copper | 14.6 J | 14.8 J | 567 J | 14000 | 376 | 610 | 260 |
| Cyanide | ND(0.520) | ND(0.510) | 1.50 | ND(0.550) | 1.20 | ND(0.540) | ND(0.580) |
| Lead | 16.7 J | 7.80 J | 633 J | 545 J | 1120 J | 508 J | 99.3 |
| Mercury | 0.0900 J | 0.0200 J | 2.70 | 0.770 | 12.5 | 0.190 | 0.490 |
| Nickel | 11.0 J | 10.8 J | 39.7 J | 58.3 J | 23.9 J | 15.9 J | 20.0 |
| Selenium | ND(0.330) J | ND(0.290) J | ND(0.380) J | 0.570 | 0.580 | ND(0.290) | 0.620 |
| Silver | ND(0.200) J | ND(0.180) J | 2.70 J | 0.560 J | 0.960 J | 0.530 J | 0.160 J |
| Sulfide | ND(5.20) J | ND(5.10) J | ND(5.40) J | ND(5.40) | ND(5.80) | ND(5.50) | ND(5.50) |
| Thallium | ND(0.570) J | ND(0.500) J | ND(0.660) J | 0.750 J | 0.900 J | 0.640 J | R |
| Tin | ND(0.460) J | ND(0.400) J | 48.8 J | 1130 | 49.8 | 61.4 | 20.4 |
| Vanadium | 7.60 J | 7.20 J | 30.8 J | 13.9 | 17.0 | 17.7 | 21.9 |
| Zinc | 48.2 J | 49.6 J | 1210 J | 9620 | 672 | 871 | 243 |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4E | 4E | 4E | 4E | 4E | |
|---------------------------|-----------------|------------|------------|------------|------------|----------|
| Location ID: | SL0270 | SL0314 | SL0316 | SL0320 | SL0342 | |
| Sample ID: | 082598MS28 | 082798MS14 | 082798MS21 | 082898MS10 | 083198MS14 | |
| Sample Depth(Feet): | 2-2.5 | 0-0.5 | 1-1.5 | 2-2.5 | 0-0.5 | |
| Parameter | Date Collected: | 08/25/98 | 08/27/98 | 08/27/98 | 08/28/98 | 08/31/98 |
| Volatile Organics | | | | | | |
| 1,1,1,2-Tetrachloroethane | NS | NS | NS | NS | NS | |
| 1,1,1-Trichloroethane | NS | NS | NS | NS | NS | |
| 1,1,2-Trichloroethane | NS | NS | NS | NS | NS | |
| 1,1-Dichloroethane | NS | NS | NS | NS | NS | |
| 1,1-Dichloroethane | NS | NS | NS | NS | NS | |
| 1,2,3-Trichlorobenzene | NS | NS | NS | NS | NS | |
| 1,2,4-Trichlorobenzene | NS | NS | NS | NS | NS | |
| 1,2,4-Trimethylbenzene | NS | NS | NS | NS | NS | |
| 1,2-Dibromoethane | NS | NS | NS | NS | NS | |
| 1,2-Dichloroethane | NS | NS | NS | NS | NS | |
| 1,2-Dichloropropane | NS | NS | NS | NS | NS | |
| 1,3,5-Trimethylbenzene | NS | NS | NS | NS | NS | |
| 1,3-Dichlorobenzene | NS | NS | NS | NS | NS | |
| 1,4-Dichlorobenzene | NS | NS | NS | NS | NS | |
| 1,4-Dioxane | NS | NS | NS | NS | NS | |
| 2-Butanone | NS | NS | NS | NS | NS | |
| 2-Chloro-1,3-butadiene | NS | NS | NS | NS | NS | |
| 2-Chloroethylvinylether | NS | NS | NS | NS | NS | |
| 2-Hexanone | NS | NS | NS | NS | NS | |
| 3-Chloropropene | NS | NS | NS | NS | NS | |
| 4-Methyl-2-pentanone | NS | NS | NS | NS | NS | |
| Acetone | NS | NS | NS | NS | NS | |
| Acrolein | NS | NS | NS | NS | NS | |
| Acrylonitrile | NS | NS | NS | NS | NS | |
| Benzene | NS | NS | NS | NS | NS | |
| Bromodichloromethane | NS | NS | NS | NS | NS | |
| Bromoform | NS | NS | NS | NS | NS | |
| Bromomethane | NS | NS | NS | NS | NS | |
| Carbon Disulfide | NS | NS | NS | NS | NS | |
| Carbon Tetrachloride | NS | NS | NS | NS | NS | |
| Chlorobenzene | NS | NS | NS | NS | NS | |
| Chloroethane | NS | NS | NS | NS | NS | |
| Chloroform | NS | NS | NS | NS | NS | |
| Chloromethane | NS | NS | NS | NS | NS | |
| cis-1,2-Dichloroethene | NS | NS | NS | NS | NS | |
| cis-1,3-Dichloropropene | NS | NS | NS | NS | NS | |
| Dibromochloromethane | NS | NS | NS | NS | NS | |
| Dibromomethane | NS | NS | NS | NS | NS | |
| Ethyl Methacrylate | NS | NS | NS | NS | NS | |
| Ethylbenzene | NS | NS | NS | NS | NS | |
| Freon 12 | NS | NS | NS | NS | NS | |
| Iodomethane | NS | NS | NS | NS | NS | |
| Isobutanol | NS | NS | NS | NS | NS | |
| Isopropylbenzene | NS | NS | NS | NS | NS | |
| m&p-Xylene | NS | NS | NS | NS | NS | |
| Methacrylonitrile | NS | NS | NS | NS | NS | |
| Methyl Methacrylate | NS | NS | NS | NS | NS | |
| Methylene Chloride | NS | NS | NS | NS | NS | |
| Naphthalene | NS | NS | NS | NS | NS | |
| n-Butylbenzene | NS | NS | NS | NS | NS | |
| n-Propylbenzene | NS | NS | NS | NS | NS | |
| o-Xylene | NS | NS | NS | NS | NS | |
| p-Isopropyltoluene | NS | NS | NS | NS | NS | |
| Propionitrile | NS | NS | NS | NS | NS | |
| Styrene | NS | NS | NS | NS | NS | |
| Tetrachloroethene | NS | NS | NS | NS | NS | |
| Tetrahydrofuran | NS | NS | NS | NS | NS | |
| Toluene | NS | NS | NS | NS | NS | |
| trans-1,2-Dichloroethene | NS | NS | NS | NS | NS | |
| trans-1,3-Dichloropropene | NS | NS | NS | NS | NS | |
| Trichloroethane | NS | NS | NS | NS | NS | |
| Trichlorofluoromethane | NS | NS | NS | NS | NS | |
| Vinyl Acetate | NS | NS | NS | NS | NS | |
| Vinyl Chloride | NS | NS | NS | NS | NS | |
| Xylenes (total) | NS | NS | NS | NS | NS | |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Location ID: Sample ID: Sample Depth(Feet): Date Collected: | 4E SL0270 082598MS28 2-2.5 08/25/98 | 4E SL0314 082798MS14 0-0.5 08/27/98 | 4E SL0316 082798MS21 1-1.5 08/27/98 | 4E SL0320 082898MS10 2-2.5 08/28/98 | 4E SL0342 083198MS14 0-0.5 08/31/98 |
|---|---|---|---|---|---|
| Semivolatile Organics | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND(0.34) | 0.30 J | ND(0.37) | 0.15 J [0.22 J] | ND(0.34) |
| 1,2,4-Trichlorobenzene | ND(0.34) | 2.0 | 0.20 J | 1.9 [2.3] | 0.086 J |
| 1,2-Dichlorobenzene | ND(0.34) J | ND(0.35) J | ND(0.37) J | 0.043 J [0.052 J] | ND(0.34) J |
| 1,3-Dichlorobenzene | ND(0.34) | ND(0.35) | 0.055 J | 0.057 J [0.065 J] | ND(0.34) J |
| 1,4-Dichlorobenzene | ND(0.34) | 0.14 J | 0.21 J | 0.069 J [0.079 J] | 0.046 J |
| 2,4,5-Trichlorophenol | ND(0.86) | ND(0.88) | ND(0.92) | ND(0.91) [ND(1.8)] | ND(0.86) |
| 2,4,6-Trichlorophenol | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) J [ND(0.72) J] | ND(0.34) |
| 2,4-Dichlorophenol | ND(0.34) J | ND(0.35) J | ND(0.37) J | ND(0.36) [ND(0.72)] | ND(0.34) |
| 2,4-Dimethylphenol | 2.1 J | 0.43 J | ND(0.37) J | 0.74 J [0.36 J] | ND(0.34) J |
| 2,4-Dinitrophenol | ND(0.86) | ND(0.88) | ND(0.92) J | ND(0.91) [ND(1.8)] | R |
| 2,4-Dinitrotoluene | ND(0.34) J | ND(0.35) J | ND(0.37) J | ND(0.36) [ND(0.72)] | ND(0.34) J |
| 2,6-Dinitrotoluene | ND(0.34) J | ND(0.35) J | ND(0.37) J | ND(0.36) [ND(0.72)] | ND(0.34) J |
| 2-Chloronaphthalene | 0.044 J | ND(0.35) J | ND(0.37) J | ND(0.36) J [0.036 J] | ND(0.34) J |
| 2-Chlorophenol | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| 2-Methylnaphthalene | 0.079 J | 0.20 J | 0.077 J | 0.14 J [0.22 J] | ND(0.34) J |
| 2-Methylphenol | 0.21 J | 0.44 | ND(0.37) | 0.55 [0.50 J] | ND(0.34) |
| 2-Nitroaniline | ND(0.86) | ND(0.88) | ND(0.92) | ND(0.91) [ND(1.8)] | ND(0.86) |
| 2-Nitrophenol | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| 2-Picoline | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| 3,3'-Dichlorobenzidine | ND(0.34) | R | R | ND(0.36) [ND(0.72)] | R |
| 3-Nitroaniline | ND(0.86) | ND(0.88) J | ND(0.92) J | ND(0.91) [ND(1.8)] | ND(0.86) J |
| 4,6-Dinitro-2-methylphenol | ND(0.86) | ND(0.88) | ND(0.92) | ND(0.91) [ND(1.8)] | R |
| 4-Bromophenyl-phenylether | ND(0.34) J | ND(0.35) J | ND(0.37) J | ND(0.36) [ND(0.72)] | ND(0.34) |
| 4-Chloro-3-Methylphenol | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| 4-Chloroaniline | R | R | R | ND(0.36) [ND(0.72)] | R |
| 4-Chlorophenyl-phenylether | ND(0.34) J | ND(0.35) J | ND(0.37) J | ND(0.36) [ND(0.72)] | ND(0.34) |
| 4-Methylphenol | 0.96 | 0.95 | 0.058 J | 0.59 [0.53 J] | 0.033 J |
| 4-Nitroaniline | ND(0.86) | ND(0.88) J | ND(0.92) J | ND(0.91) [ND(1.8)] | ND(0.86) J |
| 4-Nitrophenol | ND(0.86) J | ND(0.88) | ND(0.92) | ND(0.91) [ND(1.8)] | ND(0.86) |
| 4-Nitroquinoline-1-oxide | R | ND(0.35) | R | ND(0.36) [ND(0.72)] | ND(0.34) |
| 4-Phenylenediamine | ND(0.34) | ND(0.35) | R | ND(0.36) [ND(0.72)] | ND(0.34) J |
| Acenaphthene | 0.12 J | 0.17 J | 0.036 J | 0.058 J [0.077 J] | ND(0.34) |
| Acenaphthylene | 0.048 J | 0.42 J | 0.14 J | 0.11 J [0.11 J] | ND(0.34) J |
| Acetophenone | ND(0.34) | 0.26 J | 0.039 J | ND(0.36) [ND(0.36)] | ND(0.34) |
| Aniline | 5.2 J | 1.3 | ND(0.92) | 0.69 J [ND(1.8)] | ND(0.86) |
| Anthracene | 0.20 J | 0.54 | 0.11 J | 0.24 J [0.25 J] | 0.066 J |
| Aramite | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| Benzo(a)anthracene | 0.34 J | 2.3 | 0.55 | 0.96 [0.95] | 0.35 |
| Benzo(a)pyrene | 0.38 J | 2.8 J | 0.65 J | 1.0 [1.1] | 0.20 J |
| Benzo(b)fluoranthene | 0.37 J | 2.5 | 0.68 | 1.0 [1.4] | 0.35 |
| Benzo(g,h,i)perylene | 0.11 J | 2.0 J | 0.22 J | 0.29 J [0.58 J] | 0.063 J |
| Benzo(k)fluoranthene | 0.42 J | 2.5 | 0.72 | 0.86 [1.0] | 0.32 J |
| Benzyl Alcohol | ND(0.34) | 0.27 J | 0.21 J | ND(0.36) [ND(0.72)] | ND(0.34) |
| bis(2-Chloroethoxy)methane | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| bis(2-Chloroethyl)ether | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| bis(2-Chloroisopropyl)ether | ND(0.34) J | ND(0.35) J | ND(0.37) J | ND(0.36) [ND(0.72)] | ND(0.34) |
| bis(2-Ethylhexyl)adipate | NS | NS | NS | NS | NS |
| bis(2-Ethylhexyl)phthalate | ND(0.34) | 0.25 J | 0.040 J | ND(0.36) [ND(0.72)] | ND(0.34) |
| Butylbenzylphthalate | R | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | 0.032 J |
| Carbazole | NS | NS | NS | NS | NS |
| Chrysene | 0.40 J | 2.7 | 0.83 | 1.2 [1.3] | 0.40 |
| Dibenzo(a,h)anthracene | 0.039 J | 0.61 | 0.076 J | 0.27 J [0.23 J] | 0.10 J |
| Dibenzofuran | 0.12 J | 0.16 J | 0.050 J | 0.16 J [0.20 J] | ND(0.34) |
| Diethylphthalate | ND(0.34) J | ND(0.35) J | ND(0.37) J | ND(0.36) [ND(0.72)] | ND(0.34) |
| Dimethylphthalate | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| Di-n-Butylphthalate | 1.6 | 0.97 | 0.039 J | 3.6 [2.0] | 0.067 J |
| Di-n-Octylphthalate | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| Fluoranthene | 0.92 J | 4.4 J | 1.4 J | 1.9 [1.9] | 0.87 |
| Fluorene | 0.14 J | 0.16 J | 0.070 J | 0.085 J [0.11 J] | 0.035 J |
| Hexachlorobenzene | ND(0.34) | ND(0.35) | ND(0.37) | 0.15 J [0.14 J] | ND(0.34) J |
| Hexachlorobutadiene | R | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| Hexachlorocyclopentadiene | ND(0.34) | R | R | ND(0.36) J [ND(0.72) J] | ND(0.34) |
| Hexachloroethane | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) J |
| Indeno(1,2,3-cd)pyrene | 0.10 J | 1.8 | 0.21 J | 0.72 [0.63 J] | 0.18 J |
| Isophorone | 0.16 J | 0.63 | 0.088 J | 0.34 J [0.33 J] | 0.15 J |
| Naphthalene | 0.20 J | 0.48 J | 0.15 J | 0.45 [0.51 J] | 0.073 J |
| Nitrobenzene | ND(0.34) | 0.094 J | ND(0.37) | 0.12 J [0.054 J] | ND(0.34) |
| N-Nitroso-di-n-propylamine | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4E | 4E | 4E | 4E | 4E |
|--|-------------|------------|-------------|-----------------------|-------------|
| Location ID: | SL0270 | SL0314 | SL0316 | SL0320 | SL0342 |
| Sample ID: | 082598MS28 | 082798MS14 | 082798MS21 | 082898MS10 | 083198MS14 |
| Sample Depth(Feet): | 2-2.5 | 0-0.5 | 1-1.5 | 2-2.5 | 0-0.5 |
| Date Collected: | 08/25/98 | 08/27/98 | 08/27/98 | 08/28/98 | 08/31/98 |
| Semivolatile Organics (continued) | | | | | |
| N-Nitrosodiphenylamine | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| Pentachlorobenzene | ND(0.34) | 0.965 J | ND(0.37) | 0.11 J [0.12 J] | 0.034 J |
| Pentachlorophenol | ND(0.86) | ND(0.83) | ND(0.92) | ND(0.91) [ND(1.8)] | ND(0.86) |
| Phenacetin | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| Phenanthrene | 0.98 | 2.5 | 0.90 | 1.1 [1.5] | 0.56 |
| Phenol | 0.89 | 2.0 | ND(0.37) | 1.2 [1.3] | 0.091 J |
| Pyrene | 0.71 J | 3.6 J | 1.1 J | 1.6 [1.7] | 0.57 J |
| Pyridine | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| Safrole | ND(0.34) | ND(0.35) | ND(0.37) | ND(0.36) [ND(0.72)] | ND(0.34) |
| Organochlorine Pesticides | | | | | |
| 4,4'-DDD | ND(0.18) | ND(18) | ND(1.1) | ND(19) [ND(18)] | ND(1.8) |
| 4,4'-DDE | ND(0.18) | ND(18) | ND(1.1) | 24 J [ND(18) J] | ND(1.8) |
| 4,4'-DDT | ND(0.18) J | ND(18) | ND(1.1) | R | ND(1.8) |
| Delta-BHC | ND(0.088) | ND(9.0) | ND(0.57) | ND(9.3) [ND(9.2)] | ND(0.88) |
| Dieldrin | ND(0.18) | ND(18) | ND(1.1) | ND(19) [ND(18)] | ND(1.8) |
| Endosulfan II | ND(0.18) | ND(18) | ND(1.1) | ND(19) [ND(18)] | ND(1.8) |
| Endosulfan Sulfate | ND(0.18) | ND(18) | ND(1.1) | ND(19) [ND(18)] | ND(1.8) |
| Endrin | ND(0.18) | ND(18) | ND(1.1) | ND(19) [ND(18)] | ND(1.8) |
| Endrin Aldehyde | ND(0.18) | ND(18) | ND(1.1) | ND(19) [ND(18)] | ND(1.8) |
| Gamma-BHC (Lindane) | ND(0.088) | ND(9.0) | ND(0.57) | ND(9.3) [ND(9.2)] | ND(0.88) |
| Heptachlor Epoxide | ND(0.088) | ND(9.0) | ND(0.57) | ND(9.3) [ND(9.2)] | ND(0.88) |
| Kepone | R | R | R | R | R |
| Organophosphate Pesticides | | | | | |
| None Detected | NS | NS | NS | -- | -- |
| Herbicides | | | | | |
| None Detected | -- | -- | -- | -- | -- |
| Furans | | | | | |
| 2,3,7,8-TCDF | 0.000058 | 0.00085 | 0.00013 | 0.011 [0.011] | 0.00019 |
| TCDFs (total) | 0.00064 J | 0.012 J | 0.0016 J | 0.14 J [0.14 J] | 0.0015 J |
| 1,2,3,7,8-PeCDF | 0.000025 | 0.0012 | 0.000080 | 0.014 [0.014] | 0.00013 |
| 2,3,4,7,8-PeCDF | 0.000057 | 0.0021 | 0.00016 | 0.019 [0.020] | 0.00021 |
| PeCDFs (total) | 0.00086 J | 0.020 J | 0.0022 J | 0.17 J [0.18 J] | 0.0020 J |
| 1,2,3,4,7,8-HxCDF | 0.000067 | 0.0070 | 0.00019 | 0.034 [0.035] | 0.00020 |
| 1,2,3,6,7,8-HxCDF | 0.000052 | 0.0038 J | 0.00012 | 0.023 [0.025] | 0.00010 |
| 1,2,3,7,8,9-HxCDF | 0.000080 | 0.0013 | 0.000025 | 0.0032 [0.0033] | 0.000051 |
| 2,3,4,6,7,8-HxCDF | 0.000044 | 0.0017 | 0.00014 | 0.0068 [0.0069] | 0.000097 |
| HxCDFs (total) | 0.00070 J | 0.027 J | 0.0023 J | 0.14 J [0.15 J] | 0.0017 J |
| 1,2,3,4,6,7,8-HpCDF | 0.00012 | 0.0056 | 0.0010 J | 0.042 J [0.044 J] | 0.00042 J |
| 1,2,3,4,7,8,9-HpCDF | 0.000018 | 0.0017 | 0.000059 | 0.0075 [0.0074] | 0.000057 |
| HpCDFs (total) | 0.00023 | 0.0099 | 0.0022 J | 0.061 J [0.063 J] | 0.00083 J |
| OCDF | 0.000084 | 0.0067 | 0.00093 | 0.040 [0.039] | 0.00041 |
| Dioxins | | | | | |
| 2,3,7,8-TCDD | 0.000028 | 0.000011 | 0.000032 | 0.000050 [0.000050] | 0.000028 |
| TCDDs (total) | 0.000014 | 0.00014 | 0.000035 | 0.0013 [0.0014] | 0.000032 |
| 1,2,3,7,8-PeCDD | 0.0000017 J | 0.000018 J | 0.0000061 J | 0.00015 J [0.00014 J] | 0.0000042 J |
| PeCDDs (total) | 0.000022 J | 0.00025 J | 0.000067 J | 0.0023 J [0.0020 J] | 0.000037 J |
| 1,2,3,4,7,8-HxCDD | 0.000024 | 0.000025 | 0.000015 | 0.00020 [0.00023] | 0.0000058 |
| 1,2,3,6,7,8-HxCDD | 0.000037 | 0.000046 | 0.000036 | 0.00030 [0.00030] | 0.000011 |
| 1,2,3,7,8,9-HxCDD | 0.000030 | 0.000030 | 0.000016 | 0.00024 [0.00023] | 0.0000050 |
| HxCDDs (total) | 0.000052 | 0.00054 | 0.00031 | 0.0036 [0.0035] | 0.00011 |
| 1,2,3,4,6,7,8-HpCDD | 0.000027 | 0.00033 | 0.0011 | 0.0024 [0.0025] | 0.00022 |
| HpCDDs (total) | 0.000057 | 0.00065 | 0.0020 | 0.0045 [0.0047] | 0.00039 |
| OCDD | 0.00014 | 0.0010 | 0.012 | 0.0044 [0.0047] | 0.0018 |
| Total TEQs (WHO TEFs) | 0.000060 | 0.0027 | 0.00018 | 0.019 [0.020] | 0.00019 |

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4E | 4E | 4E | 4E | 4E |
|---------------------|------------|------------|------------|---------------------|------------|
| Location ID: | SL0270 | SL0314 | SL0316 | SL0320 | SL0342 |
| Sample ID: | 082598MS28 | 082798MS14 | 082798MS21 | 082898MS10 | 083198MS14 |
| Sample Depth(Feet): | 2-2.5 | 0-0.5 | 1-1.5 | 2-2.5 | 0-0.5 |
| Date Collected: | 08/25/98 | 08/27/98 | 08/27/98 | 08/28/98 | 08/31/98 |
| Parameter | | | | | |
| Inorganics | | | | | |
| Antimony | 0.610 J | 10.3 J | 0.970 J | 69.3 J [92.4 J] | R |
| Arsenic | 5.40 | 9.20 J | 5.20 J | 15.7 [21.7] | R |
| Barium | 24.7 | 67.2 | 49.6 | 496 J [954 J] | 31.2 |
| Beryllium | 0.0400 J | 0.280 | 0.310 | 0.0900 [ND(0.0300)] | ND(0.150) |
| Cadmium | ND(0.0300) | 1.50 | ND(0.0400) | 8.60 J [14.6 J] | 0.410 |
| Chromium | 7.20 J | 43.1 J | 25.7 J | 210 [327] | 13.9 J |
| Cobalt | 8.20 | 12.4 | 9.00 | 14.4 [22.2] | 6.60 |
| Copper | 87.9 J | 357 | 40.2 | 6700 J [4690 J] | 25.8 J |
| Cyanide | ND(0.530) | ND(0.540) | ND(0.560) | R | ND(0.570) |
| Lead | 31.2 | 433 J | 77.9 J | 3190 [4460] | 35.7 J |
| Mercury | 0.0900 J | 1.80 | 0.650 | 0.840 [0.940] | 0.110 J |
| Nickel | 13.8 | 29.6 J | 16.1 J | 68.4 [90.2] | 13.2 |
| Selenium | 0.850 J | 1.70 J | 1.60 J | 2.80 J [3.90 J] | 0.910 J |
| Silver | ND(0.110) | 6.40 | 0.340 | 9.60 J [16.9 J] | R |
| Sulfide | ND(5.00) J | ND(5.20) J | ND(5.50) J | ND(5.40) [ND(5.40)] | ND(5.60) J |
| Thallium | 0.610 | ND(0.470) | ND(0.670) | 0.910 J [1.80 J] | 0.460 J |
| Tin | 3.10 | 43.6 J | 3.60 J | 396 [430] | 1.70 |
| Vanadium | 7.50 | 17.6 | 16.0 | 18.4 [24.7] | 15.5 |
| Zinc | 65.8 | 693 | 108 | 2990 [4440] | 103 |

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. NA - Not Analyzed - Results were not reported for this analyte.
3. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
4. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
5. Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
7. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
8. -- Indicates that the results for all analytes of the parameter group are non-detect.

Data Qualifiers:

- J - Estimated Value.
- R - Rejected.

TABLE 7
BERKSHIRE GAS COMPANY APPENDIX IX+3 SOIL SAMPLING DATA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Sample ID: Depth Range: Date Collected: | 4B RAA4-01 6-15 04/25/02 | 4B RAA4-E31 6-15 04/24/02 | 4B RAA4-I23 6-15 04/25/02 | 4B RAA4-K23 6-15 04/25/02 |
|--|-----------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Semivolatile Organics | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND(0.00430) | ND(0.0762) | ND(0.101) | 0.694 |
| 1,2,4-Trichlorobenzene | ND(0.0215) | ND(0.381) | 1.16 | 3.64 |
| 1,2-Dichlorobenzene | ND(0.00430) | ND(0.0762) | 0.0667 J | 0.292 |
| 1,3-Dichlorobenzene | ND(0.00430) | 0.175 | 0.760 | 2.70 |
| 1,4-Dichlorobenzene | ND(0.00430) | 0.647 | 1.74 | 14.0 |
| 2,6-Dichloropheno: | ND(0.0215) | ND(0.381) | ND(0.505) | 0.701 |
| 2,6-Dinitrotoluene | ND(0.00430) | ND(0.0762) | 37.9 | ND(0.0841) |
| 2-Chloronaphthalene | ND(0.00430) | ND(0.0762) | 6.45 | ND(0.0841) |
| 2-Methylnaphthalene | 0.0142 | 115 D | 0.803 | 55.7 |
| 2-Methylphenol | 0.00218 J | ND(0.0762) | 8.12 | 0.378 |
| 3&4-Methylphenol | 0.184 | ND(0.0762) | 0.394 | 0.135 |
| 3-Methylcholanthrene | ND(0.0215) | ND(0.381) | ND(0.505) | 0.221 J |
| 7,12-Dimethylbenz(a)anthracene | ND(0.00430) | ND(0.0762) | ND(0.101) | 0.324 |
| Acenaphthene | ND(0.00430) | 49.3 | 4.50 | 33.2 |
| Acenaphthylene | ND(0.00430) | 4.01 | 0.569 | 9.46 |
| Aniline | ND(0.0215) | ND(0.381) | 13.7 | 1.16 |
| Anthracene | 0.00301 JB | 32.7 B | 2.16 B | 24.0 B |
| Benzo(a)anthracene | 0.00993 | 10.2 | 2.03 | 21.4 |
| Benzo(a)pyrene | 0.0123 | 9.59 | 2.38 | 23.5 |
| Benzo(b)fluoranthene | 0.0175 | 4.33 | 1.48 | 10.4 |
| Benzo(g,h,i)perylene | 0.0150 J | 3.49 | 1.40 | 17.5 |
| Benzo(k)fluoranthene | 0.00984 | 5.74 | 1.59 | 12.8 |
| Benzyl Alcohol | 0.0288 J | ND(0.762) | ND(1.01) | ND(0.841) |
| bis(2-Ethylhexyl)phthalate | 0.0242 B | ND(0.381) | 4.86 B | ND(0.420) |
| Butylbenzylphthalate | 0.00651 | ND(0.0762) | ND(0.101) | ND(0.0841) |
| Chrysene | 0.0168 | 9.72 | 1.91 | 21.0 |
| Di-n-Butylphthalate | 0.185 B | ND(0.0762) | 0.710 B | 0.319 B |
| Dibenzo(a,h)anthracene | ND(0.0215) | 1.06 | 0.439 J | 4.43 |
| Dibenzofuran | ND(0.0430) | 3.03 | 0.745 J | 3.99 |
| Diethylphthalate | 0.0572 B | ND(0.762) | ND(1.01) | ND(0.841) |
| Dimethylphthalate | ND(0.0215) | ND(0.381) | ND(0.505) | 0.274 J |
| Fluoranthene | 0.0175 | 21.8 | 4.45 | 32.4 |
| Fluorene | 0.00488 | 26.0 | 2.86 | 16.9 |
| Indeno(1,2,3-cd)pyrene | ND(0.0215) | 2.90 | 1.11 | 12.6 |
| N-Nitroso-di-n-propylamine | ND(0.00430) | ND(0.0762) | ND(0.101) | 2.59 |
| N-Nitrosodiphenylamine | ND(0.00430) | ND(0.0762) | 24.6 | 4.43 |
| Naphthalene | 0.0142 | 150 D | 3.41 | 61.4 |
| Pentachlorobenzene | ND(0.00430) | ND(0.0762) | 0.100 J | ND(0.0841) |
| Phenanthrene | 0.0195 B | 65.4 B | 5.88 B | 58.8 B |
| Phenol | 0.0629 | ND(0.0762) | 48.9 | ND(0.0841) |
| Pyrene | 0.0176 | 32.2 | 5.50 | 52.1 |

Notes:

1. Sample collection and analysis performed by Berkshire Gas Company Subcontractors. Samples were submitted to META Environmental, Inc. for analysis of semi-volatile organic compounds using USEPA Method 8270 as modified by the laboratory.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.
4. B - Analyte was also detected in the associated method blank.
5. D - Compound quantitated using a secondary dilution.
6. J - Indicates that the associated numerical value is an estimated concentration.

TABLE 8
BERKSHIRE GAS COMPANY PAH SOIL SAMPLING DATA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Sample ID: Depth Range: Date Collected: | 4B A34 0-1' 0-1 5/16/2002 | 4B A37 6-15' 6-15 5/15/2002 | 4B B35 6-15' 6-15 5/15/2002 | 4B C29 1-6' 1-6 5/21/2002 | 4B C33 0-1' 0-1 5/20/2002 | 4B C33 1-6' 1-6 5/20/2002 | 4B C35 1-6' 1-6 5/17/2002 | 4B C35 6-15' 6-15 5/17/2002 | 4B D23 6-15' 6-15 5/30/2002 |
|--|------------------------------------|--------------------------------------|--------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|
| Volatile Organics | | | | | | | | | |
| 1,2,4-Trimethylbenzene | 0.0149 | 39.9 | 1.62 | 0.278 | 0.0939 | 4.39 | 0.369 | 0.0304 | ND(0.00580) |
| Benzene | 0.0204 | 2.21 | 0.00418 J | 0.0961 | 0.123 | 0.260 | 0.329 | 0.0138 | ND(0.00580) |
| m/p-Xylenes | 0.0661 | 39.7 | 0.0577 | 0.284 | 0.108 | 0.870 | 0.557 | 0.0415 | ND(0.00580) |
| o-Xylene | 0.0125 | 23.2 | 0.0702 | 0.144 | 0.0410 J | 1.07 | 0.259 | 0.0186 | ND(0.00580) |
| Styrene | 0.286 | 18.2 | 0.478 | 11.8 | 13.5 | 15.2 | 15.9 D | 0.892 | ND(0.00580) |
| Toluene | 0.121 B | 8.17 B | 0.0855 B | 1.43 B | 0.212 | 0.770 | 0.845 B | 0.131 B | 0.0106 |
| Semivolatile Organics | | | | | | | | | |
| 1-Methylnaphthalene | 0.0561 B | 153 D | 5.92 D | 3.09 | 1.02 | 22.9 | 1.29 | 0.245 | ND(0.00580) |
| 2-Methylnaphthalene | 0.101 | 225 D | 1.14 | 4.43 B | 0.626 | 37.8 | 1.15 B | 0.107 B | 0.00357 J |
| Acenaphthene | 0.0431 | 66.8 | 0.489 | 0.880 | 0.230 | 1.37 | 0.287 | 0.102 | ND(0.00580) |
| Acenaphthylene | 0.270 | 112 D | 0.330 | 9.40 | 2.03 | 5.19 | 2.66 | 0.624 | 0.0250 |
| Anthracene | 0.117 | 127 D | 0.367 | 4.00 | 1.10 | 5.84 | 1.25 | 0.331 | 0.0130 |
| Benz(a)anthracene | 0.335 | 58.1 | 0.158 | 9.63 | 3.00 | 9.81 | 2.46 | 0.902 | 0.0339 |
| Benzo(a)pyrene | 0.348 | 47.1 | 0.155 | 10.2 | 2.90 | 9.50 | 3.11 | 0.753 | 0.0362 |
| Benzo(b)fluoranthene | 0.300 | 25.9 | 0.136 | 7.54 | 2.55 | 6.95 | 2.84 | 0.411 | 0.0387 |
| Benzo(g,h,i)perylene | 0.375 B | 29.9 | 0.145 | 12.2 B | 2.92 | 7.27 | 3.27 B | 0.503 B | 0.0300 |
| Benzo(k)fluoranthene | 0.253 | 25.6 | 0.113 | 7.41 | 2.97 | 7.85 | 2.17 | 0.507 | 0.0288 |
| Chrysene | 0.363 | 49.9 | 0.140 | 10.0 | 2.99 | 9.36 | 2.28 | 0.745 | 0.0408 |
| Dibenz(a,h)anthracene | 0.0925 | 7.82 | 0.0230 | 2.79 | 0.813 | 1.73 | 0.719 | 0.0920 | 0.00568 J |
| Dibenzofuran | 0.0265 | 12.9 | 0.344 | 0.405 | 0.255 | 3.00 | 0.245 | 0.0493 | 0.00422 J |
| Ethylbenzene | 0.0239 | 35.0 | 0.178 | 0.266 | 0.714 | 2.98 | 1.49 | 0.0500 | ND(0.00580) |
| Fluoranthene | 0.651 | 92.5 D | 0.435 | 14.0 | 4.57 | 21.8 | 3.50 | 1.33 | 0.0667 |
| Fluorene | 0.0529 | 85.3 D | 1.89 | 1.81 | 0.730 | 4.80 | 0.659 | 0.204 | ND(0.00580) |
| Indeno(1,2,3-cd)pyrene | 0.282 | 23.0 | 0.109 | 8.14 | 2.18 | 5.73 | 2.58 | 0.309 | 0.0248 |
| Naphthalene | 0.187 B | 330 D | 6.53 D | 5.49 B | 1.29 | 1550 D | 3.90 B | 0.252 B | ND(0.00580) |
| Phenanthrene | 0.526 B | 185 D | 2.34 | 15.0 B | 5.20 | 27.2 | 4.26 B | 0.866 B | 0.0307 |
| Pyrene | 0.692 | 130 D | 0.606 | 22.2 | 5.41 | 20.9 | 4.44 | 2.27 | 0.0557 |
| Alkylated PAHs: | | | | | | | | | |
| C0-Benzene | 0.0204 | 2.21 | 0.00418 J | 0.0961 | 0.123 | 0.260 | 0.329 | 0.0138 | ND(0.00580) |
| C1-Benzene | 0.145 B | 9.78 B | 0.102 B | 1.72 B | 0.254 | 0.920 | 1.01 B | 0.157 B | 0.0127 |
| C2-Benzene | 0.117 | 109 | 0.375 | 0.897 | 1.12 | 5.83 | 3.18 | 0.143 | 0.00823 |
| C3-Benzene | 0.106 | 112 | 3.35 | 1.59 | 0.798 | 11.8 | 3.56 | 0.248 | 0.0297 |
| C4-Benzene | 0.160 | 40.5 | 4.39 | 1.92 | 0.499 | 10.9 | 3.19 | 0.294 | 0.0558 |
| C5-Benzene | 0.0571 | 8.67 | 2.13 | 1.97 | 0.0936 | 1.30 | 1.33 | 0.346 | 0.0964 |
| C0-Naphthalene | 0.187 B | 330 D | 6.53 D | 5.49 B | 1.29 | 1550 D | 3.90 B | 0.252 B | ND(0.00580) |
| C1-Naphthalene | 0.0885 | 214 D | 4.01 | 4.24 | 0.924 | 32.0 | 1.38 | 0.204 | 0.00366 J |
| C2-Naphthalene | 0.0673 | 169 | 12.0 | 4.71 | 0.921 | 6.69 | 0.879 | 0.378 | 0.0448 |
| C3-Naphthalene | 0.0434 | 43.0 | 11.1 | 3.20 | 0.309 | 1.21 | 0.445 | 0.588 | 0.139 |
| C4-Naphthalene | 0.000450 | 0.490 | ND(0.00560) | 0.0260 | 0.149 | 0.490 | 0.0113 | 0.00883 | 0.451 |
| C0-Fluorene | 0.0529 | 85.3 D | 1.89 | 1.81 | 0.730 | 4.80 | 0.659 | 0.204 | ND(0.00580) |
| C1-Fluorene | 0.0894 | 58.8 | 1.76 | 3.85 | 0.708 | 2.05 | 0.684 | 0.422 | ND(0.00580) |
| C2-Fluorene | 0.0645 | 15.9 | 0.873 | 2.47 | 0.828 | 1.14 | 0.314 | 0.414 | 0.124 |
| C3-Fluorene | 0.0882 | 12.3 | 0.224 | 4.68 | 0.266 | 0.900 | 0.494 | 0.218 | 0.0856 |
| C0-Phenanthrene/Anthracene | 0.682 | 332 D | 2.79 | 19.4 | 6.61 | 34.1 | 5.66 | 1.25 | 0.0515 |
| C1-Phenanthrene/Anthracene | 0.307 | 129 | 1.14 | 14.5 | 2.83 | 7.63 | 2.36 | 1.17 | 0.0975 |
| C2-Phenanthrene/Anthracene | 0.203 | 50.4 | 0.295 | 7.87 | 1.04 | 3.02 | 1.25 | 0.782 | 0.144 |
| C3-Phenanthrene/Anthracene | 0.0785 | 10.6 | 0.108 | 2.69 | 0.311 | 0.820 | 0.456 | 0.251 | 0.0866 |
| C4-Phenanthrene/Anthracene | 0.0262 | 2.10 | 0.0545 | 0.760 | 0.0980 | 0.260 | 0.158 | 0.115 | 0.0342 |
| C0-Dibenzothiophene | 0.0330 | 32.3 | 0.465 | 1.71 | 0.319 | 1.97 | 0.269 | 0.0858 | 0.0839 |
| C1-Dibenzothiophene | 0.0548 | 24.6 | 0.313 | 2.90 | 0.350 | 1.02 | 0.305 | 0.241 | 0.0613 |
| C2-Dibenzothiophene | 0.0614 | 16.7 | 0.138 | 2.78 | 0.227 | 0.720 | 0.300 | 0.266 | 0.0692 |
| C3-Dibenzothiophene | 0.0374 | 5.44 | 0.0888 | 1.29 | 0.162 | 0.370 | 0.157 | 0.151 | 0.0877 |
| C0-Fluoranthene/Pyrene | 1.49 | 277 D | 1.10 | 42.3 | 10.7 | 46.2 | 8.82 | 4.17 | 0.150 |
| C1-Fluoranthene/Pyrene | 0.432 | 123 | 0.338 | 16.5 | 2.90 | 8.76 | 2.72 | 1.59 | 0.0521 |
| C2-Fluoranthene/Pyrene | 0.244 | 32.7 | 0.119 | 6.42 | 1.17 | 3.09 | 1.39 | 0.539 | 0.0361 |
| C3-Fluoranthene/Pyrene | 0.0972 | 8.28 | 0.0403 | 2.64 | 0.255 | 0.800 | 0.635 | 0.128 | 0.0190 |
| C0-Benz(a)anthracene/Chrysene | 0.725 | 112 | 0.313 | 20.3 | 6.22 | 21.3 | 4.89 | 1.70 | 0.0825 |
| C1-Benz(a)anthracene/Chrysene | 0.317 | 46.1 | 0.128 | 10.7 | 1.59 | 3.70 | 2.04 | 0.706 | 0.0258 |
| C2-Benz(a)anthracene/Chrysene | 0.141 | 12.0 | 0.0333 | 4.46 | 0.524 | 1.20 | 0.721 | 0.170 | 0.0130 |
| C3-Benz(a)anthracene/Chrysene | 0.0819 | 2.91 | 0.0240 | 2.13 | 0.130 | 0.370 | 0.378 | 0.0779 | 0.00889 |
| C4-Benz(a)anthracene/Chrysene | 0.0231 | 1.01 | 0.00545 J | 0.523 | 0.147 | 0.110 | 0.222 | 0.0154 | 0.00544 J |

TABLE 8
BERKSHIRE GAS COMPANY PAH SOIL SAMPLING DATA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Sample ID: Depth Range: Date Collected: | 4B D31 6-15' 6-15 5/21/2002 | 4B D36 1-6' 1-6 5/15/2002 | 4B E29 6-15' 6-15 5/21/2002 | 4B E35 6-15' 6-15 5/17/2002 | 4B F29 0-1' 0-1 5/22/2002 | 4B F29 6-15' 6-15 5/21/2002 | 4B G27 0-1' 0-1 5/22/2002 | 4B G27 1-6' 1-6 5/22/2002 | 4B G27 6-15' 6-15 5/22/2002 |
|--|--------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|
| Volatile Organics | | | | | | | | | |
| 1,2,4-Trimethylbenzene | 76.0 | 2.17 | 11.0 | 0.0933 | 0.0377 J | 1.33 | 0.233 | 7.16 D | 3.17 |
| Benzene | 0.270 | 1.28 | 3.06 | 0.120 | 0.349 | 0.00801 | ND(0.0717) | 0.0778 | ND(0.133) |
| m/p-Xylenes | 57.7 | 3.11 | 7.31 | 0.246 | 0.0959 | 2.16 | 0.570 | 9.61 D | 3.52 |
| o-Xylene | 38.7 | 1.72 | 5.22 | 0.0757 | 0.0432 J | 0.761 | 0.202 | 2.68 | 0.292 |
| Styrene | 71.6 | 92.4 | 11.9 | 0.710 | 0.289 | 0.168 | 1.24 | 0.0949 | 0.581 |
| Toluene | 19.7 | 3.52 B | 4.38 B | 0.205 B | 0.651 | 1.25 | 1.57 | 1.74 | 0.275 |
| Semivolatile Organics | | | | | | | | | |
| 1-Methylnaphthalene | 55.0 | 7.63 | 100 D | 0.645 | 0.154 | 1.50 | 2.08 | 0.651 | 4.98 |
| 2-Methylnaphthalene | 115 | 3.22 | 75.6 B | 0.557 B | 0.180 | 2.92 | 2.91 | 1.19 | 2.38 |
| Acenaphthene | 0.950 | 5.20 | 51.9 | 0.710 | 0.649 | 2.58 | 1.70 | 0.292 | 3.16 |
| Acenaphthylene | 6.69 | 13.8 | 34.2 | 1.09 | 0.450 | 0.0886 | 1.27 | 1.89 | 1.01 |
| Anthracene | 3.84 | 7.36 | 30.1 | 0.797 | 1.50 | 1.51 | 3.10 | 2.69 | 1.92 |
| Benz(a)anthracene | 5.97 | 11.7 | 37.2 | 1.40 | 6.01 | 1.53 | 6.02 | 5.57 | 1.36 |
| Benzo(a)pyrene | 3.31 | 9.16 | 34.2 | 1.70 | 5.94 | 0.824 | 5.45 | 5.40 | 0.977 |
| Benzo(b)fluoranthene | 4.17 | 8.93 | 19.9 | 1.23 | 6.10 | 1.20 | 5.36 | 6.57 | 0.554 |
| Benzo(g,h,i)perylene | 3.60 | 11.4 | 25.2 B | 1.17 B | 6.40 | 1.01 | 4.92 | 4.75 | 0.727 |
| Benzo(k)fluoranthene | 4.57 | 8.14 | 18.3 | 1.11 | 5.35 | 0.975 | 5.04 | 3.35 | 0.719 |
| Chrysene | 6.18 | 12.1 | 30.4 | 1.31 | 6.15 | 1.28 | 5.19 | 4.35 | 1.53 |
| Dibenz(a,h)anthracene | 1.39 | 3.43 | 5.19 | 0.325 | 1.70 | 0.276 | 1.32 | 1.40 | 0.193 |
| Dibenzofuran | 1.30 | 1.73 | 8.06 | 0.208 | 0.304 | 1.87 | 2.33 | 1.04 | 0.615 |
| Ethylbenzene | 12.8 | 28.5 | 14.0 | 0.298 | 0.0389 J | 1.83 | 0.234 | 3.45 | 3.26 |
| Fluoranthene | 9.26 | 19.7 | 53.2 | 2.65 | 12.1 | 4.08 | 13.1 | 16.6 D | 3.41 |
| Fluorene | 5.21 | 5.25 | 33.0 | 0.663 | 0.634 | 1.90 | 3.71 | 1.69 | 2.42 |
| Indeno(1,2,3-cd)pyrene | 3.18 | 8.17 | 17.6 | 1.03 | 4.81 | 0.856 | 3.92 | 4.52 | 0.503 |
| Naphthalene | 493 D | 8.01 | 175 DB | 0.741 B | 0.331 | 1.51 | 4.08 | 2.37 | 9.46 |
| Phenanthrene | 19.9 | 26.5 | 91.8 DB | 2.60 B | 7.83 | 5.89 | 16.7 | 11.5 D | 8.96 |
| Pyrene | 15.9 | 23.1 | 70.7 | 2.67 | 10.3 | 3.19 | 11.0 | 14.0 D | 4.30 |
| Alkylated PAHs: | | | | | | | | | |
| C0-Benzene | 0.270 | 1.28 | 3.06 | 0.120 | 0.349 | 0.00801 | ND(0.0717) | 0.0778 | ND(0.133) |
| C1-Benzene | 23.6 | 4.21 B | 5.25 B | 0.246 B | 0.780 | 1.50 | 1.88 | 2.09 | 0.329 |
| C2-Benzene | 117 | 43.3 | 30.8 | 0.721 | 0.204 | 4.23 | 1.13 | 15.9 | 8.09 |
| C3-Benzene | ND(0.150) | 39.6 | 43.4 | 0.560 | 0.214 | 3.43 | 1.04 | 21.0 | 7.47 |
| C4-Benzene | 11.4 | 41.8 | 48.4 | 0.563 | 0.128 | 2.97 | 0.547 | 15.9 | 10.8 |
| C5-Benzene | 0.290 | 17.9 | 32.2 | 0.381 | ND(0.0722) | 0.393 | 0.103 | 1.15 | 3.62 |
| C0-Naphthalene | 493 D | 8.01 | 175 B | 0.741 B | 0.331 | 1.51 | 4.08 | 2.37 | 9.46 |
| C1-Naphthalene | 98.6 | 6.30 | 99.6 | 0.677 | 0.178 | 2.48 | 2.65 | 1.02 | 4.00 |
| C2-Naphthalene | 0.160 | 8.53 | 96.0 | 0.714 | 0.223 | 1.02 | 2.22 | 1.15 | 10.5 |
| C3-Naphthalene | 0.550 | 4.90 | 58.0 | 0.648 | 0.0783 | 0.327 | 0.864 | 0.811 | 10.9 |
| C4-Naphthalene | 0.320 | 0.230 | 0.669 | 0.00643 | 0.145 | 0.172 | 0.386 | 0.583 | 14.1 |
| C0-Fluorene | 5.21 | 5.25 | 33.0 | 0.663 | 0.634 | 1.90 | 3.71 | 1.69 | 2.42 |
| C1-Fluorene | ND(0.150) | 4.38 | 27.2 | 0.586 | 0.780 | 0.259 | 1.68 | 0.973 | 4.18 |
| C2-Fluorene | ND(0.150) | 1.67 | 14.8 | 0.423 | 0.212 | 0.144 | 0.581 | 0.443 | 5.34 |
| C3-Fluorene | ND(0.150) | 4.40 | 9.91 | 0.380 | 0.841 | 0.134 | 0.653 | 0.585 | 2.98 |
| C0-Phenanthrene/Anthracene | 24.8 | 34.5 | 125 D | 3.54 | 9.52 | 7.60 | 20.3 | 14.9 D | 11.3 |
| C1-Phenanthrene/Anthracene | ND(0.150) | 14.3 | 61.7 | 1.83 | 2.10 | 1.14 | 5.26 | 3.29 | 9.14 |
| C2-Phenanthrene/Anthracene | ND(0.150) | 8.83 | 40.9 | 1.11 | 0.906 | 0.590 | 2.25 | 1.56 | 6.49 |
| C3-Phenanthrene/Anthracene | ND(0.150) | 3.74 | 14.4 | 0.564 | 1.33 | 0.258 | 4.85 | 1.40 | 3.49 |
| C4-Phenanthrene/Anthracene | ND(0.150) | 1.32 | 6.36 | 0.174 | 0.163 | 0.193 | 0.233 | 0.270 | 0.604 |
| C0-Dibenzothiophene | 0.160 | 2.02 | 10.4 | 0.245 | 0.451 | 0.459 | 1.17 | 0.735 | 3.38 |
| C1-Dibenzothiophene | ND(0.150) | 2.36 | 12.4 | 0.346 | 0.306 | 0.187 | 0.757 | 0.481 | 2.58 |
| C2-Dibenzothiophene | ND(0.150) | 2.42 | 9.19 | 0.336 | 0.214 | 0.218 | 0.547 | 0.459 | 2.51 |
| C3-Dibenzothiophene | 1.15 | 1.29 | 5.28 | 0.201 | 0.177 | 0.214 | 0.346 | 0.411 | 1.59 |
| C0-Fluoranthene/Pyrene | 28.9 | 46.1 | 149 D | 5.92 | 23.1 | 7.55 | 25.3 | 33.0 D | 9.27 |
| C1-Fluoranthene/Pyrene | ND(0.150) | 17.4 | 64.0 | 1.97 | 3.75 | 1.27 | 5.17 | 4.02 | 3.07 |
| C2-Fluoranthene/Pyrene | ND(0.150) | 7.55 | 19.6 | 1.06 | 3.62 | 0.387 | 2.54 | 2.05 | 0.968 |
| C3-Fluoranthene/Pyrene | ND(0.150) | 3.27 | 6.23 | 0.453 | 1.43 | 0.141 | 0.727 | 0.452 | 0.262 |
| C0-Benz(a)anthracene/Chrysene | 13.2 | 24.9 | 70.8 | 2.78 | 12.4 | 2.95 | 12.9 | 10.4 | 2.82 |
| C1-Benz(a)anthracene/Chrysene | ND(0.150) | 13.4 | 27.5 | 1.46 | 2.20 | 0.428 | 2.32 | 1.90 | 0.765 |
| C2-Benz(a)anthracene/Chrysene | ND(0.150) | 5.55 | 10.6 | 0.742 | 1.10 | 0.191 | 0.949 | 0.676 | 0.227 |
| C3-Benz(a)anthracene/Chrysene | ND(0.150) | 2.18 | 3.36 | 0.454 | 0.788 | 0.123 | 0.371 | 0.383 | 0.0950 J |
| C4-Benz(a)anthracene/Chrysene | ND(0.150) | 0.563 | 0.713 | 0.153 | 0.345 | 0.0415 | 0.158 | 0.197 | ND(0.133) |

TABLE 8
BERKSHIRE GAS COMPANY PAH SOIL SAMPLING DATA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: Sample ID: Depth Range: Date Collected: | 4B H29 6-15' 6-15 5/22/2002 | 4B K21 6-15' 6-15 6/3/2002 | 4B RAA4-01 6-15 4/25/2002 | 4B RAA4-E31 6-15 4/24/2002 | 4B RAA4-I23 6-15 4/25/2002 | 4B RAA4-K23 6-15 4/25/2002 | 4D E38 6-15' 6-15 5/14/2002 | 4D E40 0-1' 0-1 5/13/2002 | 4D E41 1-6' 1-6 5/13/2002 |
|--|--------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|------------------------------------|------------------------------------|
| Volatile Organics | | | | | | | | | |
| 1,2,4-Trimethylbenzene | 0.196 | 6.18 | 0.00695 | 12.7 | 1.70 | 13.9 | 5.66 | 0.0707 | ND(0.00655) |
| Benzene | 0.0120 | 0.785 | 0.00426 J | 3.15 | 0.177 | 0.368 | 0.236 | 0.0524 | ND(0.00655) |
| m/p-Xylenes | 0.499 | 4.41 | 0.0273 | 6.39 | 1.75 | 3.85 | 2.10 | 0.120 | ND(0.00655) |
| o-Xylene | 0.109 | 1.67 | 0.00304 J | 5.76 | 0.651 | 2.34 | 1.79 | 0.0355 | ND(0.00655) |
| Styrene | 0.238 | 1.36 | ND(0.00534) | 0.979 | 0.536 | 4.27 | 1.45 | 0.155 | ND(0.00655) |
| Toluene | 0.144 | 2.12 | 0.0307 B | 1.45 B | 0.355 B | 0.905 B | 1.38 B | 1.70 B | 0.0287 B |
| Semivolatile Organics | | | | | | | | | |
| 1-Methylnaphthalene | 0.121 | 4.72 D | 0.00901 | 137 D | 4.40 | 63.3 D | 124 D | 1.11 | 0.0166 |
| 2-Methylnaphthalene | 0.198 | 7.14 | 0.0153 | 200 D | 0.596 | 80.7 D | 149 D | 1.44 | 0.0261 B |
| Acenaphthene | 0.117 | 3.98 D | 0.00287 J | 114 D | 7.78 | 51.8 | 124 D | 4.01 | 0.0762 |
| Acenaphthylene | 0.0544 | 1.25 | ND(0.00534) | 11.8 | 0.939 | 14.8 D | 62.1 | 0.495 | 0.0207 |
| Anthracene | 0.119 | 7.27 | 0.00298 J | 50.8 | 3.76 | 31.5 | 66.1 | 4.94 | 0.215 |
| Benz(a)anthracene | 0.371 | 2.09 | 0.00943 | 24.8 | 4.30 | 30.2 | 44.6 | 8.04 D | 0.831 |
| Benzo(a)pyrene | 0.250 | 1.49 | 0.00896 | 17.2 | 3.73 | 30.8 | 37.0 | 7.42 | 0.589 |
| Benzo(b)fluoranthene | 0.347 | 1.05 | 0.0150 | 7.76 | 2.66 | 17.5 | 20.7 | 7.83 D | 0.550 |
| Benzo(g,h,i)perylene | 0.231 | 0.880 | 0.0127 | 7.54 | 2.29 | 19.4 | 21.9 | 7.23 | 0.353 B |
| Benzo(k)fluoranthene | 0.287 | 0.889 | 0.00888 | 10.0 | 2.56 | 16.6 | 19.5 | 3.86 | 0.525 |
| Chrysene | 0.364 | 2.08 | 0.0183 | 21.2 | 3.73 | 26.8 | 37.0 | 7.22 | 0.673 |
| Dibenz(a,h)anthracene | 0.0673 | 0.256 | ND(0.00534) | 2.63 | 0.672 | 4.23 | 4.24 | 2.38 | 0.129 |
| Dibenzofuran | 0.0727 | 1.59 | 0.00424 J | 6.77 | 1.19 | 6.11 | 9.56 | 2.33 | 0.0434 |
| Ethylbenzene | 0.190 | 1.00 | 0.00340 J | 15.5 | 2.15 | 8.24 | 3.23 | 0.0291 | ND(0.00655) |
| Fluoranthene | 0.841 | 3.20 | 0.0172 | 39.1 | 8.07 | 43.0 | 87.6 D | 15.5 D | 1.66 |
| Fluorene | 0.111 | 3.67 | 0.00571 | 52.0 | 4.32 | 27.2 | 98.0 D | 3.51 | 0.0826 |
| Indeno(1,2,3-cd)pyrene | 0.205 | 0.670 | 0.00809 | 6.31 | 1.87 | 13.5 | 14.5 | 6.36 | 0.329 |
| Naphthalene | 0.378 | 2.09 | 0.0137 | 238 D | 4.36 | 90.9 | 166 D | 3.09 | 0.0476 B |
| Phenanthrene | 0.780 | 9.55 D | 0.0233 B | 187 DB | 12.0 B | 104 DB | 205 D | 18.0 D | 0.955 B |
| Pyrene | 0.732 | 4.21 | 0.0165 | 56.9 | 9.05 | 67.8 | 119 D | 12.7 D | 1.36 |
| Alkylated PAHs: | | | | | | | | | |
| C0-Benzene | 0.0120 | 0.785 | 0.00426 J | 3.15 | 0.177 | 0.368 | 0.236 | 0.0524 | ND(0.00655) |
| C1-Benzene | 0.173 | 2.55 | 0.0368 B | 1.73 B | 0.437 B | 1.08 B | 1.66 B | 2.03 B | 0.0343 B |
| C2-Benzene | 0.889 | 7.75 | 0.0367 | 32.1 | 5.24 | 16.8 | 8.48 | 0.203 | 0.00521 J |
| C3-Benzene | 0.533 | 13.5 | 0.0394 | 34.8 | 4.84 | 35.5 | 16.6 | 0.328 | 0.00758 |
| C4-Benzene | 0.744 | 28.1 | 0.0225 | 45.3 | 9.56 | 71.3 | 15.8 | 0.260 | 0.00482 J |
| C5-Benzene | 0.167 | 7.61 | 0.0123 | 7.51 | 5.30 | 14.9 | 9.48 | 0.154 | 0.00378 J |
| C0-Naphthalene | 0.378 | 2.09 | 0.0137 | 238 | 4.36 | 90.9 D | 166 D | 3.09 | 0.0476 B |
| C1-Naphthalene | 0.177 | 3.69 | 0.0135 | 188 D | 2.86 | 93.5 | 150 D | 1.42 | 0.0246 |
| C2-Naphthalene | 0.211 | 24.9 | 0.0181 | 176 D | 6.11 | 99.2 | 179 | 1.49 | 0.0259 |
| C3-Naphthalene | 0.125 | 13.3 | 0.0112 | 55.8 | 9.67 | 38.2 | 61.8 | 1.00 | 0.0195 |
| C4-Naphthalene | 0.181 | 9.28 | ND(0.00534) | 0.473 | 0.107 | 0.597 | 0.656 | 0.00879 | 0.000300 J |
| C0-Fluorene | 0.111 | 3.67 | 0.00571 | 52.0 | 4.32 | 27.2 | 98.0 D | 3.51 | 0.0826 |
| C1-Fluorene | 0.126 | 2.52 | 0.00912 | 63.8 | 5.38 | 31.5 | 88.4 | 2.30 | 0.0246 |
| C2-Fluorene | 0.0795 | 1.78 | ND(0.00534) | 18.8 | 4.09 | 11.0 | 30.2 | 1.29 | 0.0434 |
| C3-Fluorene | 0.0843 | 1.39 | 0.0114 | 5.32 | 2.07 | 4.67 | 10.4 | 1.94 | 0.0686 |
| C0-Phenanthrene/Anthracene | 0.912 | 9.47 | 0.0261 | 188 D | 16.0 | 124 | 278 D | 23.5 D | 1.23 |
| C1-Phenanthrene/Anthracene | 0.268 | 4.18 | 0.0600 D | 110 | 11.3 | 72.2 | 151 | 7.27 | 0.331 |
| C2-Phenanthrene/Anthracene | 0.165 | 6.04 | 0.0336 | 42.3 | 6.73 | 32.4 | 64.7 | 3.33 | 0.166 |
| C3-Phenanthrene/Anthracene | 0.201 | 2.83 | 0.0185 | 8.43 | 2.48 | 8.25 | 16.2 | 1.11 | 0.0524 |
| C4-Phenanthrene/Anthracene | 0.0321 | 1.33 | 0.00993 | 1.83 | 0.695 | 1.87 | 3.56 | 0.308 | 0.0151 |
| C0-Dibenzothiophene | 0.0481 | 0.834 | 0.00279 J | 21.6 | 1.97 | 10.5 | 14.2 | 1.59 | 0.0467 |
| C1-Dibenzothiophene | 0.0641 | 1.82 | 0.0111 | 23.6 | 3.34 | 12.8 | 12.4 | 0.870 | 0.0362 |
| C2-Dibenzothiophene | 0.0807 | 1.38 | 0.00954 | 16.7 | 2.79 | 9.26 | 9.00 | 0.749 | 0.0243 |
| C3-Dibenzothiophene | 0.115 | 1.18 | ND(0.00534) | 6.89 | 1.63 | 3.62 | 3.11 | 0.312 | 0.0107 |
| C0-Fluoranthene/Pyrene | 1.69 | 9.15 | 0.0377 | 126 | 19.8 | 136 | 257 D | 29.2 D | 3.16 |
| C1-Fluoranthene/Pyrene | 0.454 | 3.47 | 0.0188 | 66.4 | 6.10 | 60.4 | 110 | 6.57 | 0.495 |
| C2-Fluoranthene/Pyrene | 0.197 | 1.85 | 0.0171 | 18.7 | 1.94 | 16.8 | 24.2 | 4.68 | 0.344 |
| C3-Fluoranthene/Pyrene | 0.0461 | 0.797 | 0.0114 | 3.95 | 0.424 | 2.98 | 6.39 | 1.36 | 0.106 |
| C0-Benz(a)anthracene/Chrysene | 0.789 | 4.80 | 0.0270 | 48.1 | 8.42 | 59.9 | 84.7 | 15.7 D | 1.56 |
| C1-Benz(a)anthracene/Chrysene | 0.164 | 2.15 | 0.0211 | 19.3 | 2.16 | 20.3 | 32.5 | 5.73 | 0.441 |
| C2-Benz(a)anthracene/Chrysene | 0.0867 | 1.26 | 0.0164 | 5.68 | 1.08 | 5.54 | 7.65 | 1.99 | 0.108 |
| C3-Benz(a)anthracene/Chrysene | 0.0302 | 0.808 | 0.00990 | 1.27 | 0.470 | 1.18 | 1.85 | 0.932 | 0.0651 |
| C4-Benz(a)anthracene/Chrysene | 0.0170 | 0.389 | 0.00381 J | 0.360 | 0.123 | 0.234 | 0.405 | 0.248 | 0.0162 |

TABLE 8
BERKSHIRE GAS COMPANY PAH SOIL SAMPLING DATA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

| Averaging Area: | 4D | 4D | 4E | |
|-------------------------------|-----------------|-------------|-------------|-----------|
| Sample ID: | E41 6-15' | F36 6-15' | K29 6-15' | |
| Depth Range: | 6-15 | 6-15 | 6-15 | |
| Parameter | Date Collected: | 5/13/2002 | 5/14/2002 | 5/29/2002 |
| Volatile Organics | | | | |
| 1,2,4-Trimethylbenzene | 0.811 | 0.00394 J | 0.0758 | |
| Benzene | ND(0.0577) | ND(0.00593) | 0.00526 | |
| m/p-Xylenes | 0.0700 | 0.00642 | 0.0458 | |
| o-Xylene | 0.360 | 0.00557 J | 0.0212 | |
| Styrene | 0.134 | 0.00306 J | 0.0108 | |
| Toluene | 0.617 B | 0.580 B | 0.123 | |
| Semivolatile Organics | | | | |
| 1-Methylnaphthalene | 3.34 | 0.0182 | 0.126 | |
| 2-Methylnaphthalene | 0.154 | 0.0308 | 0.0750 | |
| Acenaphthene | 2.13 | 0.0134 | ND(0.00489) | |
| Acenaphthylene | 0.734 | 0.00503 J | 0.295 | |
| Anthracene | 0.928 | 0.0179 | ND(0.00489) | |
| Benz(a)anthracene | 0.698 | 0.0380 | ND(0.00489) | |
| Benzo(a)pyrene | 0.671 | 0.0268 | ND(0.00489) | |
| Benzo(b)fluoranthene | 0.286 | 0.0276 | ND(0.00489) | |
| Benzo(g,h,i)perylene | 0.453 | 0.0228 | ND(0.00489) | |
| Benzo(k)fluoranthene | 0.357 | 0.0245 | ND(0.00489) | |
| Chrysene | 0.611 | 0.0377 | ND(0.00489) | |
| Dibenz(a,h)anthracene | 0.0683 | 0.00559 J | ND(0.00489) | |
| Dibenzofuran | 0.192 | 0.0104 | ND(0.00489) | |
| Ethylbenzene | ND(0.0577) | ND(0.00593) | 0.0109 | |
| Fluoranthene | 1.42 | 0.0862 | ND(0.00489) | |
| Fluorene | 1.37 | 0.0164 | ND(0.00489) | |
| Indeno(1,2,3-cd)pyrene | 0.276 | 0.0161 | ND(0.00489) | |
| Naphthalene | 4.86 | 0.0371 | 1.09 | |
| Phenanthrene | 4.06 | 0.110 | ND(0.00489) | |
| Pyrene | 2.40 | 0.0734 | ND(0.00489) | |
| Alkylated PAHs: | | | | |
| C0-Benzene | ND(0.0577) | ND(0.00593) | 0.00526 | |
| C1-Benzene | 0.740 B | 0.695 B | 0.147 | |
| C2-Benzene | 0.453 | 0.0145 | 0.0895 | |
| C3-Benzene | 2.53 | 0.0236 | 0.301 | |
| C4-Benzene | 1.99 | 0.0111 | 0.206 | |
| C5-Benzene | 2.19 | 0.00992 | 1.88 | |
| C0-Naphthalene | 4.86 | 0.0371 | 1.09 | |
| C1-Naphthalene | 2.02 | 0.0276 | 0.117 | |
| C2-Naphthalene | 3.77 | 0.0254 | 0.304 | |
| C3-Naphthalene | 3.73 | 0.0135 | 0.495 | |
| C4-Naphthalene | 0.0908 | 0.00219 | 0.923 | |
| C0-Fluorene | 1.37 | 0.0164 | ND(0.00489) | |
| C1-Fluorene | 1.39 | 0.00580 J | 0.472 | |
| C2-Fluorene | 1.86 | 0.0105 | 0.142 | |
| C3-Fluorene | 1.52 | 0.0113 | 0.245 | |
| C0-Phenanthrene/Anthracene | 5.12 | 0.131 | 0.225 | |
| C1-Phenanthrene/Anthracene | 2.28 | 0.0431 | 0.253 | |
| C2-Phenanthrene/Anthracene | 1.31 | 0.0272 | 0.191 | |
| C3-Phenanthrene/Anthracene | 0.687 | 0.00769 | 1.32 | |
| C4-Phenanthrene/Anthracene | 0.363 | ND(0.00593) | 0.110 | |
| C0-Dibenzothiophene | 0.602 | 0.00720 | 0.184 | |
| C1-Dibenzothiophene | 0.921 | 0.0118 | 0.0933 | |
| C2-Dibenzothiophene | 1.23 | 0.00603 | 0.187 | |
| C3-Dibenzothiophene | 0.859 | ND(0.00593) | 0.271 | |
| C0-Fluoranthene/Pyrene | 4.48 | 0.166 | ND(0.00489) | |
| C1-Fluoranthene/Pyrene | 1.49 | 0.0324 | ND(0.00489) | |
| C2-Fluoranthene/Pyrene | 0.429 | 0.0232 | 0.171 | |
| C3-Fluoranthene/Pyrene | 0.163 | 0.00825 | 0.0116 | |
| C0-Benz(a)anthracene/Chrysene | 1.34 | 0.0779 | 0.0280 | |
| C1-Benz(a)anthracene/Chrysene | 0.478 | 0.0238 | 0.0222 | |
| C2-Benz(a)anthracene/Chrysene | 0.114 | 0.00876 | ND(0.00489) | |
| C3-Benz(a)anthracene/Chrysene | 0.0742 | 0.00726 | ND(0.00489) | |
| C4-Benz(a)anthracene/Chrysene | 0.0429 J | ND(0.00593) | ND(0.00489) | |

TABLE 8
BERKSHIRE GAS COMPANY PAH SOIL SAMPLING DATA

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Sample collection and analysis performed by Berkshire Gas Company Subcontractors. Samples were submitted to META Environmental, Inc. for analysis of semi-volatile organic compounds using USEPA Method 8270 as modified by the laboratory.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. B - Analyte was also detected in the associated method blank.
4. D - Compound quantitated using a secondary dilution.
5. J - Indicates that the associated numerical value is an estimated concentration.

**TABLE 9
PROPOSED SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING LOCATIONS**

**PRE-DESIGN INVESTIGATION REPORT FOR EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

| Sample ID | Sample Depth | Nearest Grid Coordinate | Analyses To Be Performed | | | | | PCDDs/ PCDFs | Rationale |
|-----------|--------------|-------------------------|--------------------------|------|-------|--------|---|--------------------------------------|-----------|
| | | | PCBs | VOCs | SVOCs | Metals | | | |
| RAA4-C30S | 0-1 | C-30 | X | | | | | Utility (Storm Sewer/Electrical) | |
| RAA4-C30S | 1-6 | C-30 | X | | | | | Utility (Storm Sewer/Electrical) | |
| RAA4-C33S | 0-1 | C-33 | X | | | | | Utility (Storm Sewer) | |
| RAA4-C33S | 1-6 | C-33 | X | | | | | Utility (Storm Sewer) | |
| RAA4-D26S | 0-1 | D-26 | X | | | | | Utility (Electrical) | |
| RAA4-D26S | 1-6 | D-26 | X | | | | | Utility (Electrical) | |
| RAA4-E16 | 0-1 | E-16 | X | | | | | Utility (Storm Sewer) | |
| RAA4-E16 | 1-6 | E-16 | X | | | | | Utility (Storm Sewer) | |
| RAA4-E18 | 0-1 | E-18 | X | | | | | Utility (Electrical) | |
| RAA4-E18 | 1-6 | E-18 | X | | | | | Utility (Electrical) | |
| RAA4-E20S | 0-1 | E-20 | X | | | | | Utility (Electrical) | |
| RAA4-E20S | 1-6 | E-20 | X | | | | | Utility (Electrical) | |
| RAA4-E30S | 0-1 | E-30 | X | | | | | Utility (Storm Sewer) | |
| RAA4-E30S | 1-6 | E-30 | X | | | | | Utility (Storm Sewer) | |
| RAA4-E38S | 0-1 | E-38 | X | | | | | Utility (Storm Sewer) | |
| RAA4-E38S | 1-6 | E-38 | X | | | | | Utility (Storm Sewer) | |
| RAA4-E41S | 0-1 | E-41 | X | | | | | Utility (Storm Sewer) | |
| RAA4-E41S | 1-6 | E-41 | X | | | | | Utility (Storm Sewer) | |
| RAA4-F16 | 0-1 | F-16 | X | | | | | Utility (Fire Protection Main) | |
| RAA4-F16 | 1-6 | F-16 | X | | | | | Utility (Fire Protection Main) | |
| RAA4-F23S | 0-1 | F-23 | X | | | | | Utility (Storm Sewer) | |
| RAA4-F23S | 1-6 | F-23 | X | | | | | Utility (Storm Sewer) | |
| RAA4-F28 | 0-1 | F-28 | X | | | | | Utility (Storm Sewer) | |
| RAA4-F28 | 1-6 | F-28 | X | | | | | Utility (Storm Sewer) | |
| RAA4-G18N | 0-1 | G-18 | X | | | | | Utility (Storm Sewer) | |
| RAA4-G18N | 1-6 | G-18 | X | | | | | Utility (Storm Sewer) | |
| RAA4-G20 | 0-1 | G-20 | X | | | | | Utility (Storm Sewer) | |
| RAA4-G20 | 1-6 | G-20 | X | | | | | Utility (Storm Sewer) | |
| RAA4-G23 | 0-1 | G-23 | X | | | | | Utility (Storm Sewer) | |
| RAA4-G23 | 1-6 | G-23 | X | | | | | Utility (Storm Sewer) | |
| RAA4-G28 | 0-1 | G-28 | X | | | | | Utility (Storm Sewer) | |
| RAA4-G28 | 1-6 | G-28 | X | | | | | Utility (Storm Sewer) | |
| RAA4-H12 | 0-1 | H-12 | X | | | | | Utility (Storm Sewer) | |
| RAA4-H12 | 1-6 | H-12 | X | | | | | Utility (Storm Sewer) | |
| RAA4-H27 | 0-1 | H-27 | X | | | | | Utility (Storm Sewer) | |
| RAA4-H27 | 1-6 | H-27 | X | | | | | Utility (Storm Sewer) | |
| RAA4-H3S | 0-1 | H-3 | X | | | | | Utility (Storm Sewer/Sanitary Sewer) | |
| RAA4-H3S | 1-6 | H-3 | X | | | | | Utility (Storm Sewer/Sanitary Sewer) | |
| RAA4-H3W | 0-1 | H-3 | X | | | | | Boundary Assessment | |
| RAA4-I3W | 0-1 | I-3 | X | | | | | Boundary Assessment | |
| RAA4-I7 | 0-1 | I-7 | X | | | | | Utility (Storm Sewer) | |
| RAA4-I7 | 1-6 | I-7 | X | | | | | Utility (Storm Sewer) | |
| RAA4-J4 | 0-1 | J-4 | X | | | | | Utility (Storm Sewer/Sanitary Sewer) | |
| RAA4-J4 | 1-6 | J-4 | X | | | | | Utility (Storm Sewer/Sanitary Sewer) | |
| RAA4-L11 | 0-1 | L-11 | X | | | | | 200-Foot RRZ Assessment | |
| RAA4-L12 | 0-1 | L-12 | X | | | | | 200-Foot RRZ Assessment | |
| RAA4-L13 | 0-1 | L-13 | X | X | X | X | X | 200-Foot RRZ Assessment | |
| RAA4-L14 | 0-1 | L-14 | X | | | | | 200-Foot RRZ Assessment | |
| RAA4-L15 | 0-1 | L-15 | X | | | | | 200-Foot RRZ Assessment | |
| RAA4-L16 | 0-1 | L-16 | X | X | X | X | X | 200-Foot RRZ Assessment | |
| RAA4-L17 | 0-1 | L-17 | X | | | | | 200-Foot RRZ Assessment | |
| RAA4-M10 | 0-1 | M-10 | X | | | | | 200-Foot RRZ Assessment | |
| RAA4-M12 | 0-1 | M-12 | X | | | | | 200-Foot RRZ Assessment | |
| RAA4-M24 | 0-1 | M-24 | X | | | | | Utility (Electrical) | |
| RAA4-M24 | 1-3 | M-24 | X | | | | | Utility (Electrical) | |
| RAA4-M24 | 3-6 | M-24 | X | | | | | Utility (Electrical) | |
| RAA4-M4 | 0-1 | M-4 | X | | | | | Utility (Storm Sewer) | |
| RAA4-M4 | 1-6 | M-4 | X | | | | | Utility (Storm Sewer) | |
| RAA4-N10 | 0-1 | N-10 | X | X | X | X | X | 200-Foot RRZ Assessment | |
| RAA4-N11 | 0-1 | N-11 | X | | | | | 200-Foot RRZ Assessment | |
| RAA4-N12 | 0-1 | N-12 | X | | | | | 200-Foot RRZ Assessment | |

**TABLE 9
PROPOSED SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING LOCATIONS**

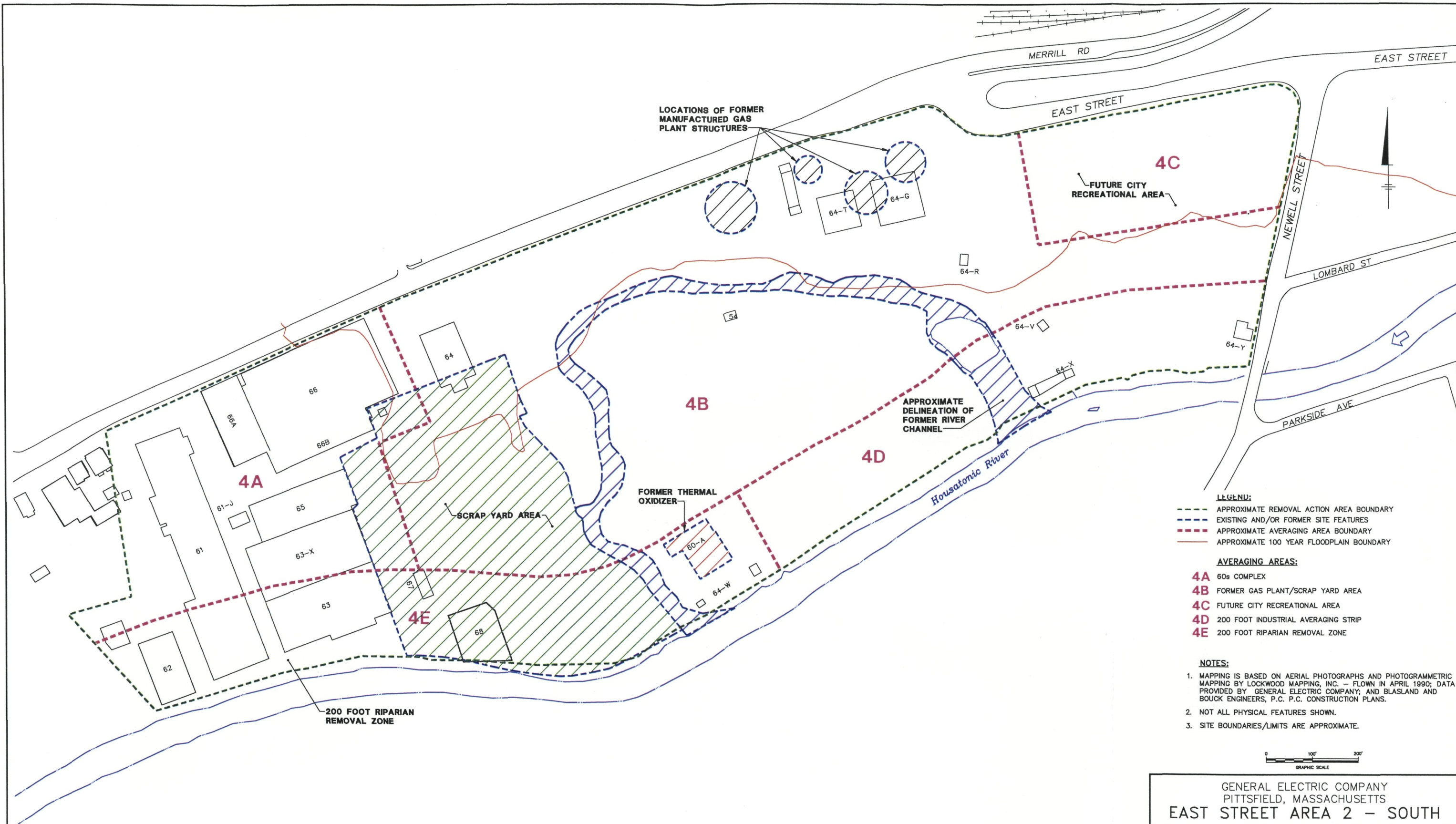
**PRE-DESIGN INVESTIGATION REPORT FOR EAST STREET AREA 2-SOUTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

| Sample ID | Sample Depth | Nearest Grid Coordinate | Analyses To Be Performed | | | | | Rationale |
|-----------|--------------|-------------------------|--------------------------|------|-------|--------|-----------------|-------------------------|
| | | | PCBs | VOCs | SVOCs | Metals | PCDDs/ PCDFs | |
| RAA4-N13 | 0-1 | N-13 | X | | | | | 200-Foot RRZ Assessment |
| RAA4-N14 | 0-1 | N-14 | X | X | X | X | X | 200-Foot RRZ Assessment |
| RAA4-N6 | 0-1 | N-6 | X | X | X | X | X | 200-Foot RRZ Assessment |
| RAA4-N7 | 0-1 | N-7 | X | | | | | 200-Foot RRZ Assessment |
| RAA4-O10 | 0-1 | O-10 | X | | | | | 200-Foot RRZ Assessment |
| RAA4-O12 | 0-1 | O-12 | X | | | | | 200-Foot RRZ Assessment |
| RAA4-O2 | 0-1 | O-2 | X | | | | | 200-Foot RRZ Assessment |
| RAA4-O8 | 0-1 | O-8 | X | | | | | 200-Foot RRZ Assessment |
| RAA4-P10 | 0-1 | P-10 | X | | | | | 200-Foot RRZ Assessment |
| RAA4-P11 | 0-1 | P-11 | X | X | X | X | X | 200-Foot RRZ Assessment |
| RAA4-P4 | 0-1 | P-4 | X | | | | | 200-Foot RRZ Assessment |
| RAA4-P5 | 0-1 | P-5 | X | X | X | X | X | 200-Foot RRZ Assessment |
| RAA4-P7 | 0-1 | P-7 | X | | | | | 200-Foot RRZ Assessment |
| RAA4-P8 | 0-1 | P-8 | X | X | X | X | X | 200-Foot RRZ Assessment |
| RAA4-Q3N | 0-1 | Q-3 | X | | | | | Utility (Storm Sewer) |
| RAA4-Q3N | 1-3 | Q-3 | X | | | | | Utility (Storm Sewer) |
| RAA4-Q3N | 3-6 | Q-3 | X | | | | | Utility (Storm Sewer) |
| RAA4-R5 | 1-3 | R-5 | X | | | | | Utility (Storm Sewer) |
| RAA4-R5 | 3-6 | R-5 | X | | | | | Utility (Storm Sewer) |

Notes:

1. Utility borings are proposed to complement existing data in order to produce a complete PCB data set in the upper six feet at least every 150 feet within a 50-foot band around utility lines that will remain in place following demolition of several buildings in East Street Area 2-South.
2. Boundary assessment borings are proposed to evaluate existing data along the western boundary of East Street Area 2-South to identify whether impacted soils may extend beyond the current site boundary onto areas that are not currently subject to investigation under the Consent Decree.
3. 200-Foot RRZ assessment borings are proposed to further evaluate the need for a vegetative engineered barrier in the western portion of the 200-foot riparian removal zone. Specifically, these borings are proposed to complete grid-based sampling requirements where a modified sampling approach -- i.e., collection of only the subsurface soil sample borings (100-foot grid spacing) was employed during the initial pre-design investigation.

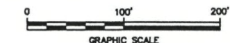
Figures



LEGEND:
 - - - - - APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - - - - - EXISTING AND/OR FORMER SITE FEATURES
 - - - - - APPROXIMATE AVERAGING AREA BOUNDARY
 - - - - - APPROXIMATE 100 YEAR FLOODPLAIN BOUNDARY

AVERAGING AREAS:
4A 60s COMPLEX
4B FORMER GAS PLANT/SCRAP YARD AREA
4C FUTURE CITY RECREATIONAL AREA
4D 200 FOOT INDUSTRIAL AVERAGING STRIP
4E 200 FOOT RIPARIAN REMOVAL ZONE

NOTES:
 1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND AND BOUCK ENGINEERS, P.C. P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARIES/LIMITS ARE APPROXIMATE.

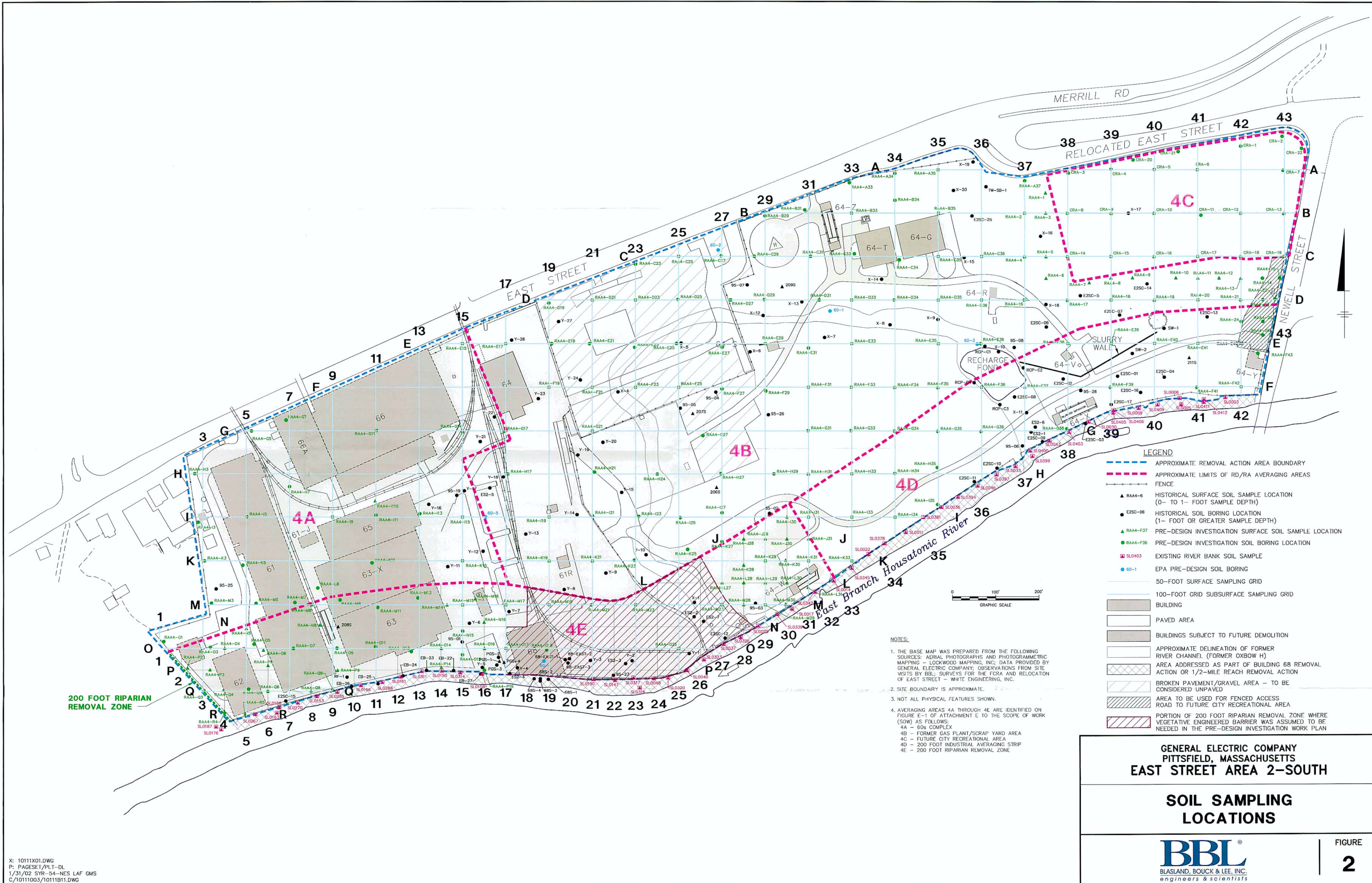


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
EAST STREET AREA 2 - SOUTH

SITE MAP



FIGURE
1



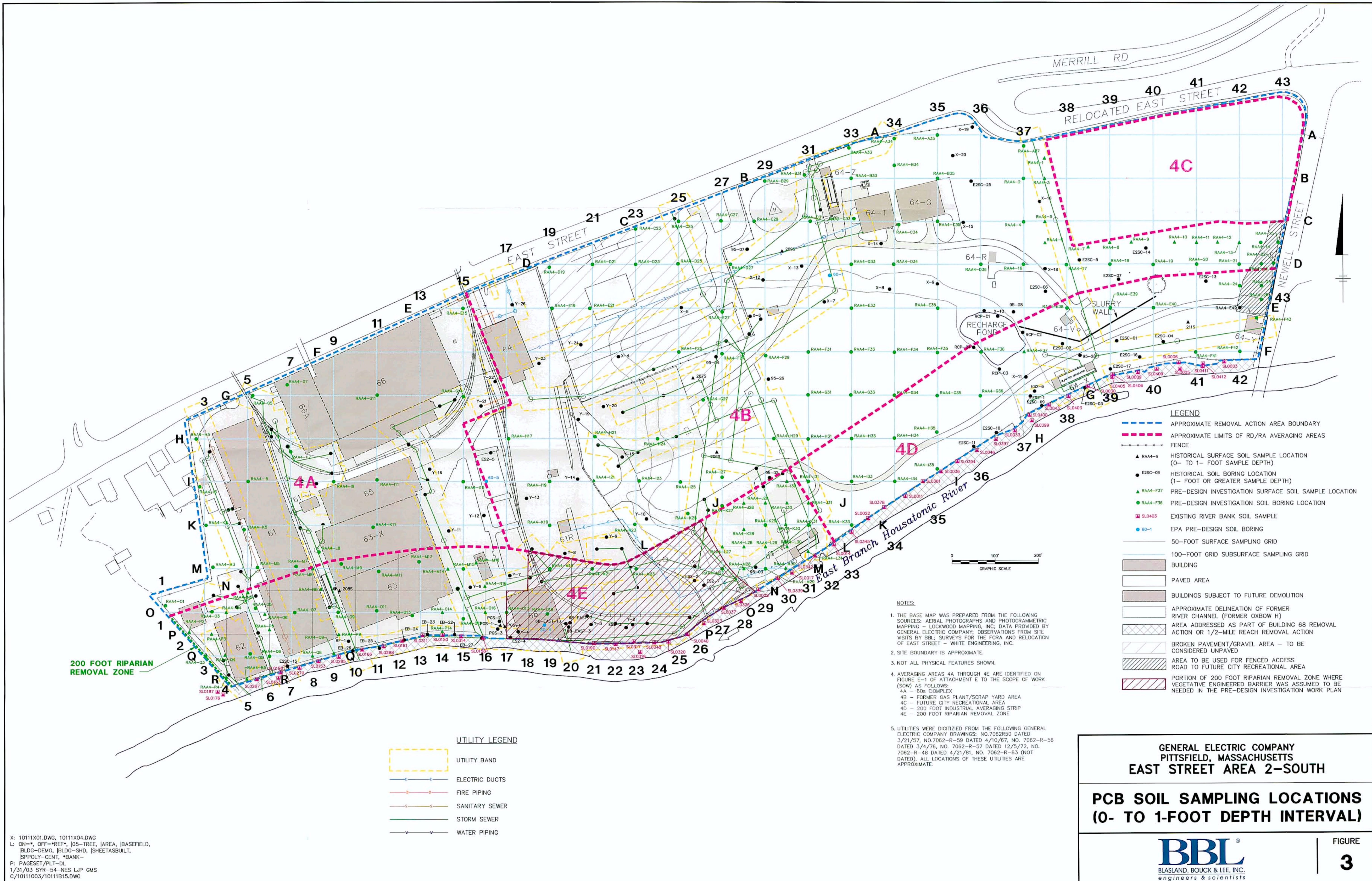
- LEGEND**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS FENCE
 - HISTORICAL SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
 - HISTORICAL SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
 - PRE-DESIGN INVESTIGATION SURFACE SOIL SAMPLE LOCATION
 - PRE-DESIGN INVESTIGATION SOIL BORING LOCATION
 - EXISTING RIVER BANK SOIL SAMPLE
 - EPA PRE-DESIGN SOIL BORING
 - 50-FOOT SURFACE SAMPLING GRID
 - 100-FOOT GRID SUBSURFACE SAMPLING GRID
 - BUILDING
 - PAVED AREA
 - BUILDINGS SUBJECT TO FUTURE DEMOLITION
 - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL (FORMER OXBOW H)
 - AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
 - BROKEN PAVEMENT/GRAVEL AREA - TO BE CONSIDERED UNPAVED
 - AREA TO BE USED FOR FENCED ACCESS ROAD TO FUTURE CITY RECREATIONAL AREA
 - PORTION OF 200 FOOT RIPARIAN REMOVAL ZONE WHERE VEGETATIVE ENGINEERED BARRIER WAS ASSUMED TO BE NEEDED IN THE PRE-DESIGN INVESTIGATION WORK PLAN

- NOTES:**
1. THE BASE MAP WAS PREPARED FROM THE FOLLOWING SOURCES: AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING - LOCKWOOD MAPPING, INC.; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; OBSERVATIONS FROM SITE VISITS BY BBL; SURVEYS FOR THE FORA AND RELOCATION OF EAST STREET - WHITE ENGINEERING, INC.
 2. SITE BOUNDARY IS APPROXIMATE.
 3. NOT ALL PHYSICAL FEATURES SHOWN.
 4. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE SCOPE OF WORK (SOW) AS FOLLOWS:
 - 4A - 60s COMPLEX
 - 4B - FORMER GAS PLANT/SCRAP YARD AREA
 - 4C - FUTURE CITY RECREATIONAL AREA
 - 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP
 - 4E - 200 FOOT RIPARIAN REMOVAL ZONE

**GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
EAST STREET AREA 2-SOUTH**

**SOIL SAMPLING
LOCATIONS**





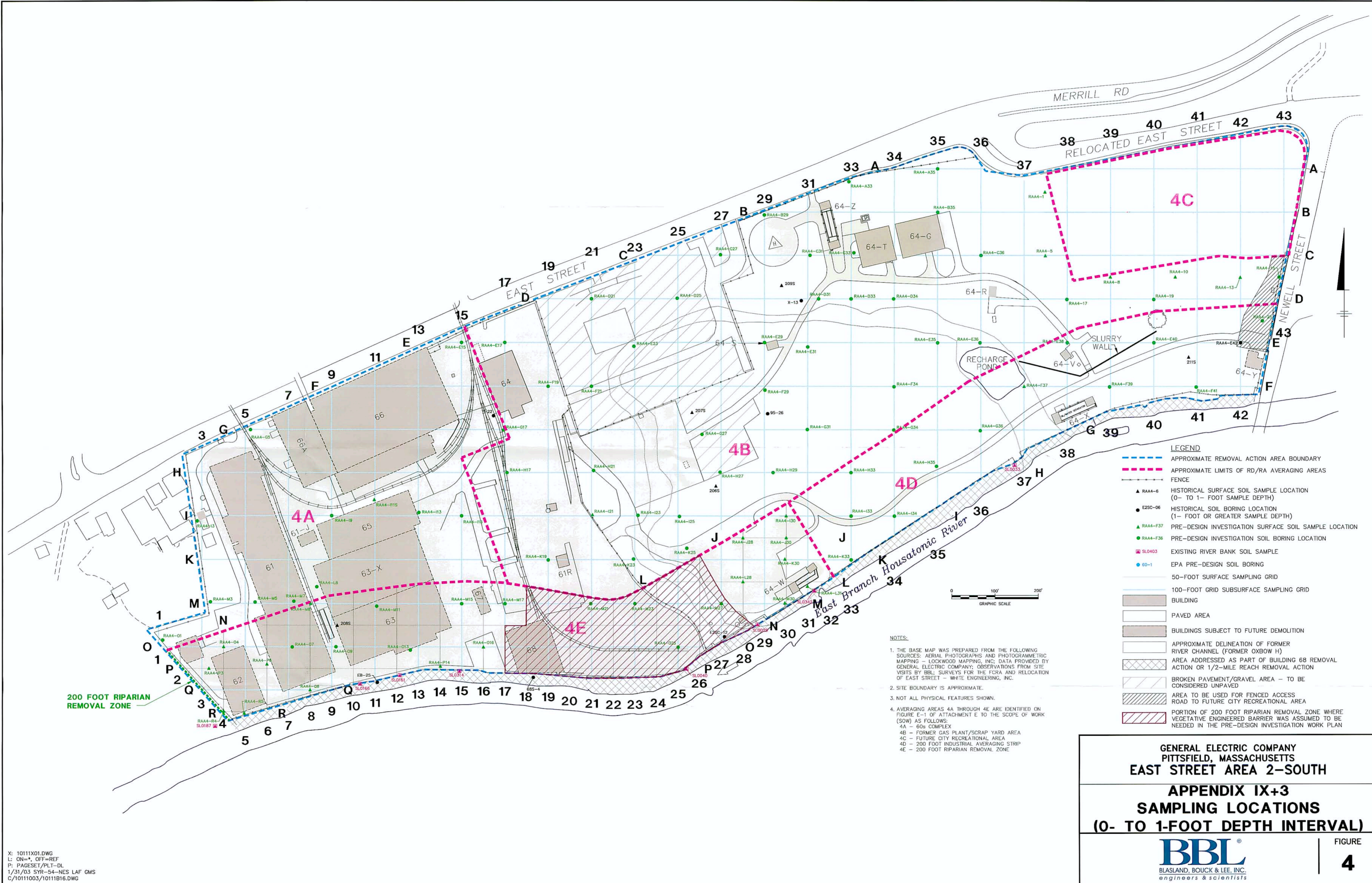
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 P: PAGESET/PLT-DL
 1/31/03 SYR-54-NES L.P. GMS
 C:/10111003/10111B15.DWG

**GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
 EAST STREET AREA 2-SOUTH**

**PCB SOIL SAMPLING LOCATIONS
 (0- TO 1-FOOT DEPTH INTERVAL)**

BBL
 BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

FIGURE
3



- LEGEND**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS FENCE
 - ▲ RAA4-6 HISTORICAL SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
 - E25C-06 HISTORICAL SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
 - ▲ RAA4-F37 PRE-DESIGN INVESTIGATION SURFACE SOIL SAMPLE LOCATION
 - RAA4-F38 PRE-DESIGN INVESTIGATION SOIL BORING LOCATION
 - SL0403 EXISTING RIVER BANK SOIL SAMPLE
 - 60-1 EPA PRE-DESIGN SOIL BORING
 - 50-FOOT SURFACE SAMPLING GRID
 - 100-FOOT GRID SUBSURFACE SAMPLING GRID
 - BUILDING
 - PAVED AREA
 - BUILDINGS SUBJECT TO FUTURE DEMOLITION
 - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL (FORMER OXBOW H)
 - AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
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 - AREA TO BE USED FOR FENCED ACCESS ROAD TO FUTURE CITY RECREATIONAL AREA
 - PORTION OF 200 FOOT RIPARIAN REMOVAL ZONE WHERE VEGETATIVE ENGINEERED BARRIER WAS ASSUMED TO BE NEEDED IN THE PRE-DESIGN INVESTIGATION WORK PLAN

NOTES:

1. THE BASE MAP WAS PREPARED FROM THE FOLLOWING SOURCES: AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING - LOCKWOOD MAPPING, INC; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; OBSERVATIONS FROM SITE VISITS BY BBL; SURVEYS FOR THE FCRA AND RELOCATION OF EAST STREET - WHITE ENGINEERING, INC.
2. SITE BOUNDARY IS APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.
4. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE SCOPE OF WORK (SOW) AS FOLLOWS:
 - 4A - 60s COMPLEX
 - 4B - FORMER GAS PLANT/SCRAP YARD AREA
 - 4C - FUTURE CITY RECREATIONAL AREA
 - 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP
 - 4E - 200 FOOT RIPARIAN REMOVAL ZONE

**GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
EAST STREET AREA 2-SOUTH**

**APPENDIX IX+3
SAMPLING LOCATIONS
(0- TO 1-FOOT DEPTH INTERVAL)**


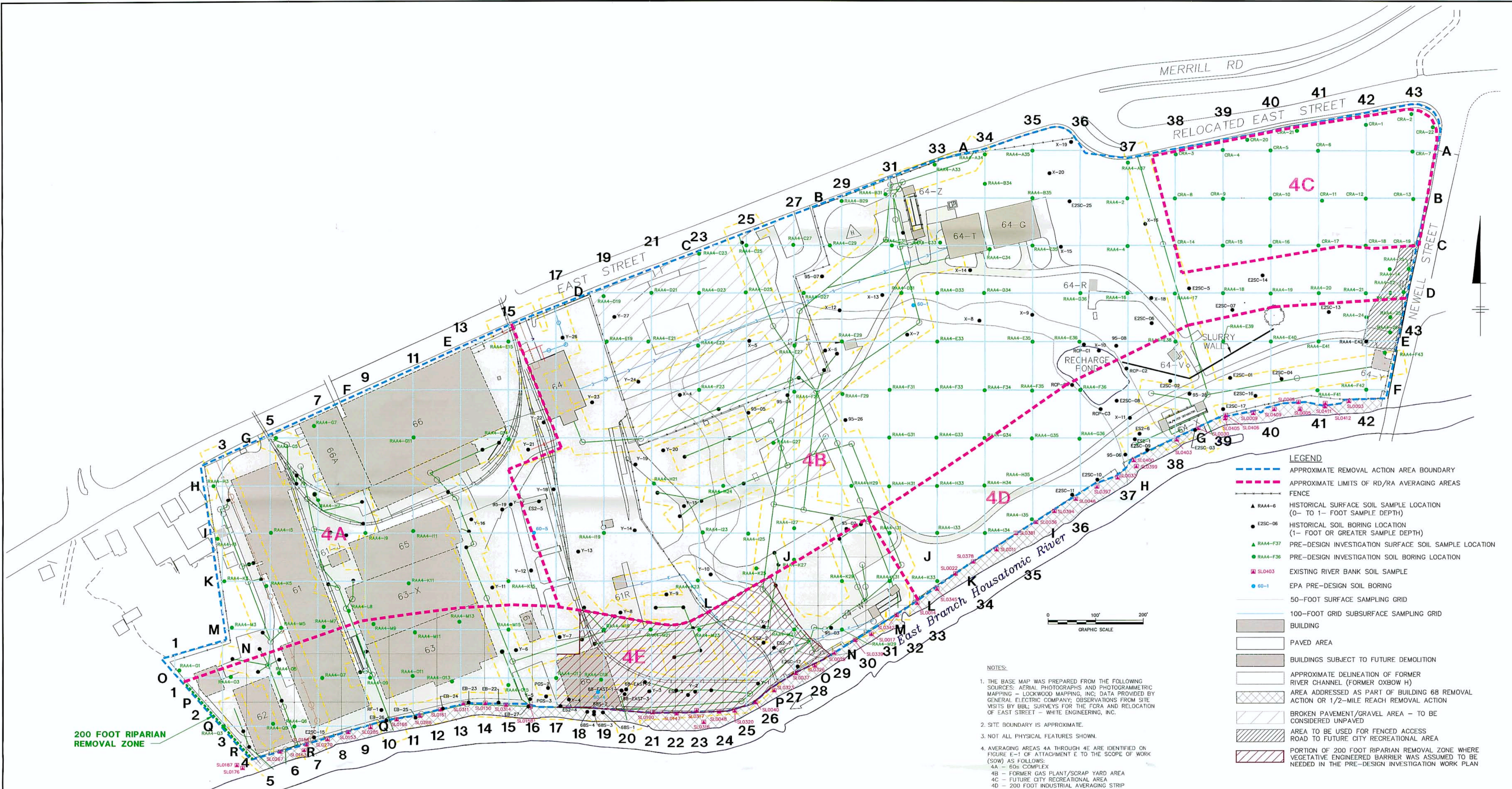


FIGURE
4

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

X: 10111X01.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
1/31/03 SYR-54-NES LAF GMS
C:10111003/10111B16.DWG



- LEGEND**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
 - FENCE
 - ▲ RAA4-6 HISTORICAL SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
 - E2SC-06 HISTORICAL SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
 - ▲ RAA4-F37 PRE-DESIGN INVESTIGATION SURFACE SOIL SAMPLE LOCATION
 - RAA4-F36 PRE-DESIGN INVESTIGATION SOIL BORING LOCATION
 - SL0403 EXISTING RIVER BANK SOIL SAMPLE
 - 60-1 EPA PRE-DESIGN SOIL BORING
 - 50-FOOT SURFACE SAMPLING GRID
 - 100-FOOT GRID SUBSURFACE SAMPLING GRID
 - BUILDING
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- NOTES:**
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 - 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP
 - 4E - 200 FOOT RIPARIAN REMOVAL ZONE
 5. UTILITIES WERE DIGITIZED FROM THE FOLLOWING GENERAL ELECTRIC COMPANY DRAWINGS: NO.7062R50 DATED 3/21/97, NO.7062-R-59 DATED 4/10/87, NO. 7062-R-56 DATED 3/4/76, NO. 7062-R-57 DATED 12/5/72, NO. 7062-R-48 DATED 4/21/81, NO. 7062-R-63 (NOT DATED). ALL LOCATIONS OF THESE UTILITIES ARE APPROXIMATE.

- UTILITY LEGEND**
- UTILITY CORRIDOR
 - ELECTRIC DUCTS
 - FIRE PIPING
 - SANITARY SEWER
 - STORM SEWER
 - WATER PIPING

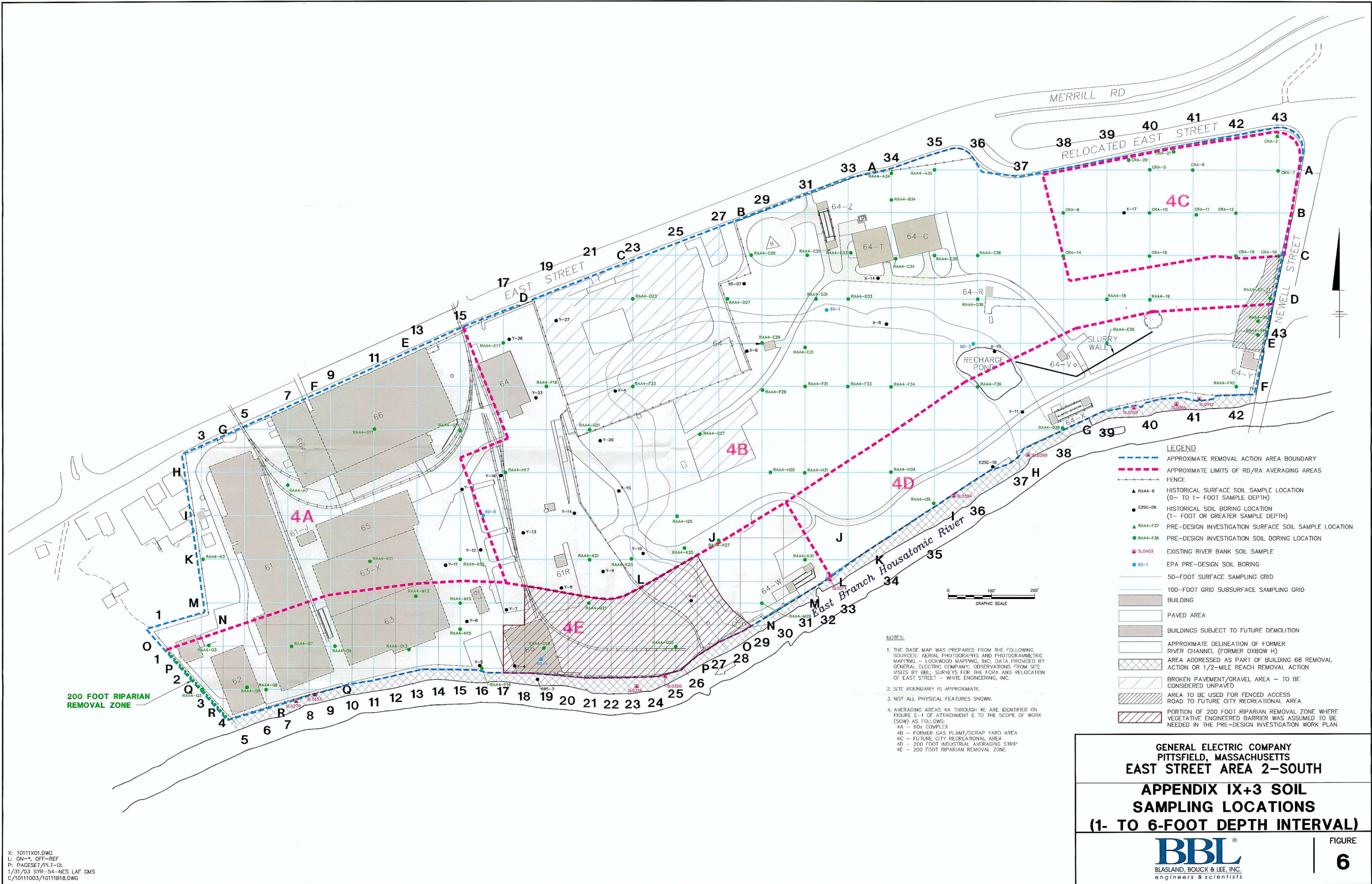
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 P: PAGESET/PLT-DL
 1/31/03 SYR-54-NES LAF GMS
 C:10111003/10111B17.DWG

**GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
 EAST STREET AREA 2-SOUTH**

**PCB SOIL SAMPLING LOCATIONS
 (1- TO 6-FOOT DEPTH INTERVAL)**

BBL
 BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

FIGURE
5



- LEGEND**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
 - FENCE
 - ▲ RAA4-E HISTORICAL SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
 - EZSC-06 HISTORICAL SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
 - ▲ RAA4-F37 PRE-DESIGN INVESTIGATION SURFACE SOIL SAMPLE LOCATION
 - RAA4-F36 PRE-DESIGN INVESTIGATION SOIL BORING LOCATION
 - ▲ SL0403 EXISTING RIVER BANK SOIL SAMPLE
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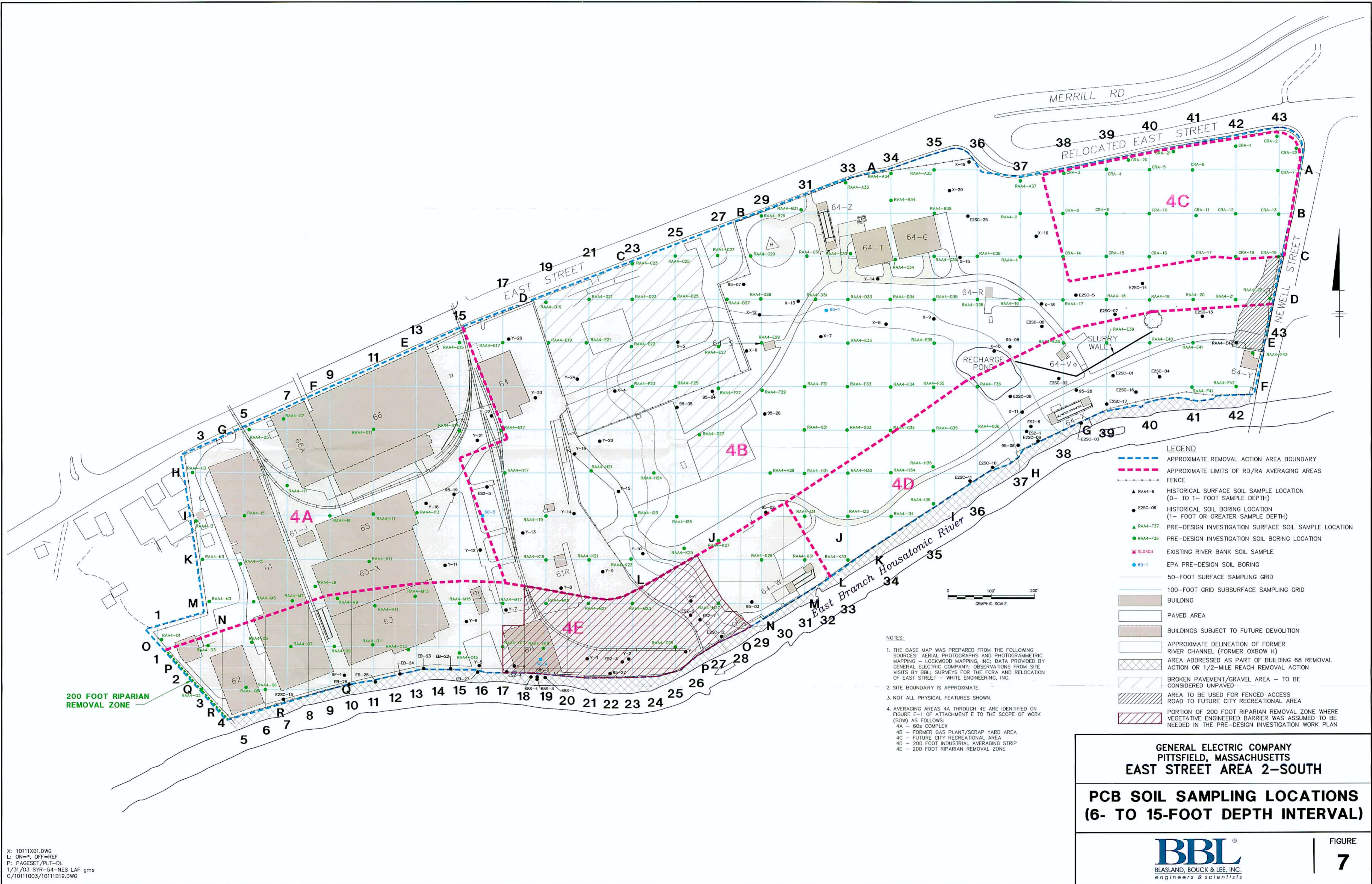
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 - 4E - 200 FOOT RIPARIAN REMOVAL ZONE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
EAST STREET AREA 2-SOUTH
APPENDIX IX+3 SOIL
SAMPLING LOCATIONS
(1- TO 6-FOOT DEPTH INTERVAL)


BBL
 BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

FIGURE
6

X: 1011X01.DWG
 L: ON-*, OFF-REF
 P: PAGESET/PLT-DL
 1/31/03 SYR-54-NES LAF QMS
 C:10111003/10111B1B.DWG




- LEGEND**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
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 - FENCE
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 - E2SC-06 HISTORICAL SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
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 - RAA4-F36 PRE-DESIGN INVESTIGATION SOIL BORING LOCATION
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 - BROKEN PAVEMENT/GRAVEL AREA - TO BE CONSIDERED UNPAVED
 - AREA TO BE USED FOR FENCED ACCESS ROAD TO FUTURE CITY RECREATIONAL AREA
 - PORTION OF 200 FOOT RIPARIAN REMOVAL ZONE WHERE VEGETATIVE ENGINEERED BARRIER WAS ASSUMED TO BE NEEDED IN THE PRE-DESIGN INVESTIGATION WORK PLAN

NOTES:

1. THE BASE MAP WAS PREPARED FROM THE FOLLOWING SOURCES: AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING - LOCKWOOD MAPPING, INC; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; OBSERVATIONS FROM SITE VISITS BY BBL; SURVEYS FOR THE FCRA AND RELOCATION OF EAST STREET - WHITE ENGINEERING, INC.
2. SITE BOUNDARY IS APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.
4. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE SCOPE OF WORK (SOW) AS FOLLOWS:
 - 4A - 60s COMPLEX
 - 4B - FORMER GAS PLANT/SCRAP YARD AREA
 - 4C - FUTURE CITY RECREATIONAL AREA
 - 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP
 - 4E - 200 FOOT RIPARIAN REMOVAL ZONE

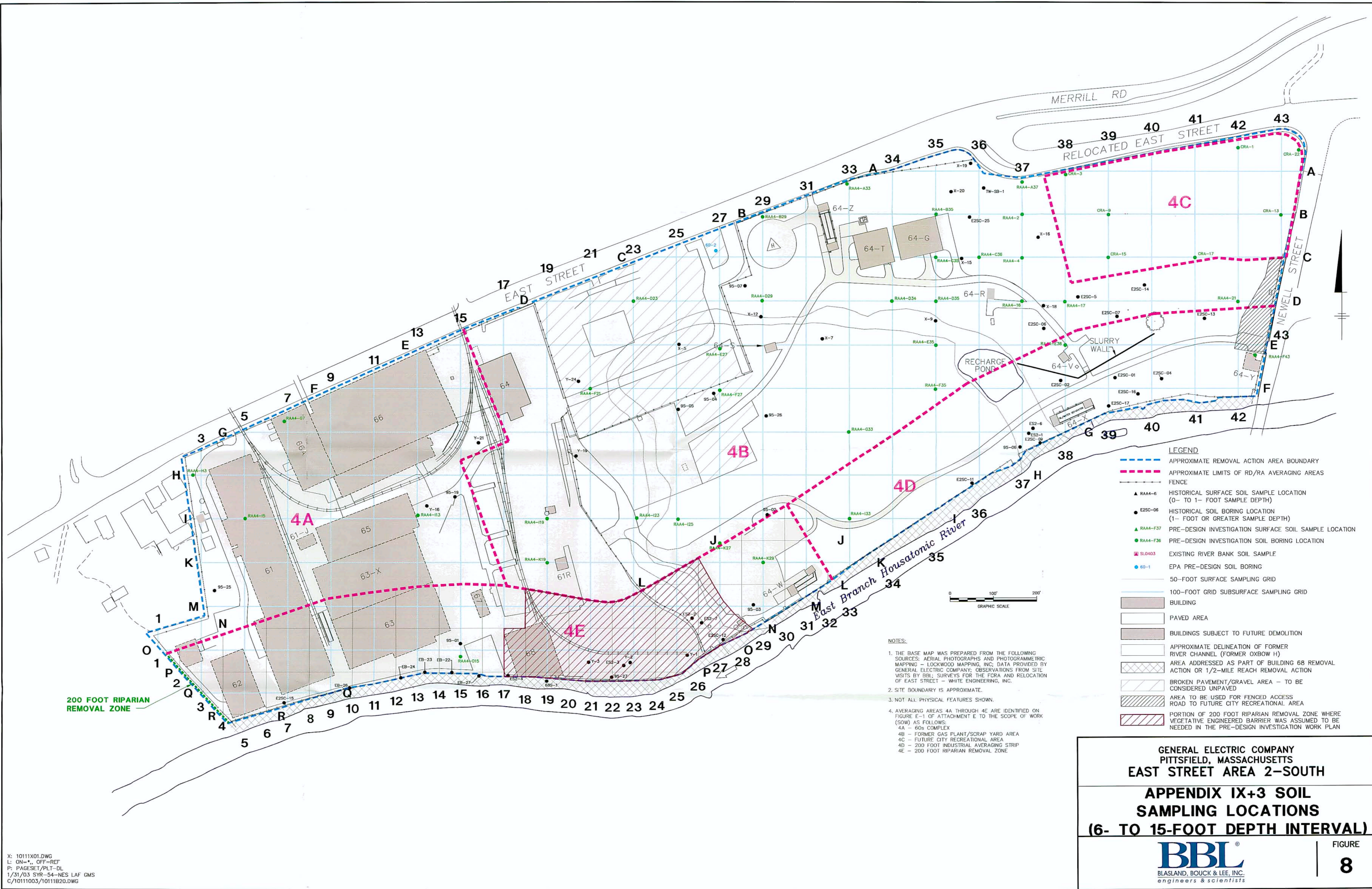
**GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
EAST STREET AREA 2-SOUTH**

**PCB SOIL SAMPLING LOCATIONS
(6- TO 15-FOOT DEPTH INTERVAL)**



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FIGURE
7



- LEGEND**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
 - FENCE
 - ▲ RAA4-6 HISTORICAL SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
 - E2SC-06 HISTORICAL SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
 - ▲ RAA4-F37 PRE-DESIGN INVESTIGATION SURFACE SOIL SAMPLE LOCATION
 - RAA4-F36 PRE-DESIGN INVESTIGATION SOIL BORING LOCATION
 - SL0403 EXISTING RIVER BANK SOIL SAMPLE
 - 60-1 EPA PRE-DESIGN SOIL BORING
 - 50-FOOT SURFACE SAMPLING GRID
 - 100-FOOT GRID SUBSURFACE SAMPLING GRID
 - BUILDING
 - PAVED AREA
 - BUILDINGS SUBJECT TO FUTURE DEMOLITION
 - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL (FORMER OXBOW H)
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 - BROKEN PAVEMENT/GRAVEL AREA - TO BE CONSIDERED UNPAVED
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
EAST STREET AREA 2-SOUTH
APPENDIX IX+3 SOIL
SAMPLING LOCATIONS
(6- TO 15-FOOT DEPTH INTERVAL)


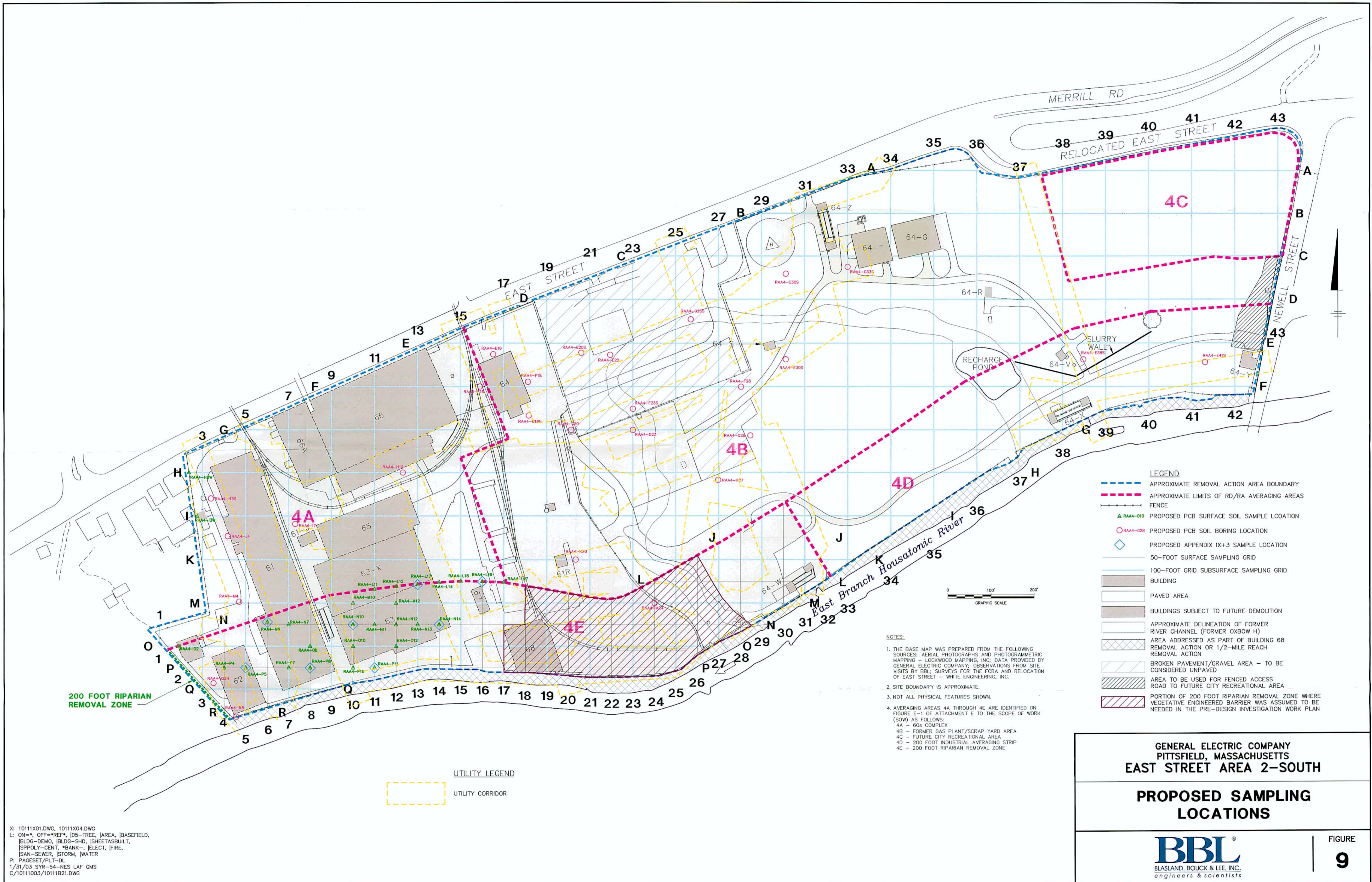

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 engineers & scientists

FIGURE
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- LEGEND**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS FENCE
 - ▲ RAA4-010 PROPOSED PCB SURFACE SOIL SAMPLE LOCATION
 - RAA4-028 PROPOSED PCB SOIL BORING LOCATION
 - ◇ PROPOSED APPENDIX IX+3 SAMPLE LOCATION
 - 50-FOOT SURFACE SAMPLING GRID
 - 100-FOOT GRID SUBSURFACE SAMPLING GRID
 - BUILDING
 - PAVED AREA
 - BUILDINGS SUBJECT TO FUTURE DEMOLITION
 - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL (FORMER OXBOW H)
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 4E - 200 FOOT RIPARIAN REMOVAL ZONE

UTILITY LEGEND
 UTILITY CORRIDOR

X: 10111X01.DWG, 10111X04.DWG
 L: ON=*, OFF=*REF*, [05-TREE, [AREA, [BASEFIELD, [BLDG-DEMO, [BLDG-SHD, [SHEETASBUILT, [SPPOLY-CENT, *BANK-, [ELECT, [FIRE, [SAN-SEWER, [STORM, [WATER
 P: PAGESET/PLT-DL
 1/31/03 SYR-54-NES LAF GMS
 C/10111003/10111B21.DWG

**GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
 EAST STREET AREA 2-SOUTH**

**PROPOSED SAMPLING
 LOCATIONS**

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FIGURE
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